

Before Friday March 7th

Access DB#

(3)
88088

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: TANMAY I LELE Examiner #: 79460 Date: 3/4/03
Art Unit: 2681 Phone Number 305-3462 Serial Number: 09/407/149
Mail Box and Bldg/Room Location: 3B39 Results Format Preferred (circle): PAPER DISK RECORD
either one has

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures; keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Local Area Internet Radio Receiver / Transmitter
Inventors (please provide full names): Michael P Henderson

Earliest Priority Filing Date: 9 Sept 99

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

See attached

03-04-03 P12:59 IN

STAFF USE ONLY

Searcher: Pamela Reynolds
Searcher Phone #: 306-0255
Searcher Location: 3C03 P112
Date Searcher Picked Up: 3-4-03
Date Completed: 3-5-03
Searcher Prep & Review Time: 25
Clerical Prep Time: _____
Online Time: 95

Type of Search

NA Sequence (#) _____
AA Sequence (#) _____
Structure (#) _____
Bibliographic ☒ _____
Litigation _____
Fulltext _____
Patent Family _____
Other _____

Vendors and cost where applicable

STN _____
Dialog ☒ _____
Questel/Orbit _____
Dr.Link _____
Lexis/Nexis _____
Sequence Systems _____
WWW/Internet ☒ _____
Other (specify) Proquest

File 9:Business & Industry(R) Jul/1994-2003/Mar 04
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File 15:ABI/Inform(R) 1971-2003/Mar 04
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File 88:Gale Group Business A.R.T.S. 1976-2003/Mar 04
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File 621:Gale Group New Prod.Annou.(R) 1985-2003/Mar 04
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File 636:Gale Group Newsletter DB(TM) 1987-2003/Dec 02
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File 613:PR Newswire 1999-2003/Mar 05
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File 98:General Sci Abs/Full-Text 1984-2003/Jan
(c) 2003 The HW Wilson Co.
File 75:TGG Management Contents(R) 86-2003/Feb W4
(c) 2003 The Gale Group
File 369:New Scientist 1994-2003/Feb W3
(c) 2003 Reed Business Information Ltd.
File 141:Readers Guide 1983-2003/Jan
(c) 2003 The HW Wilson Co
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
File 264:DIALOG Defense Newsletters 1989-2003/Mar 04
(c) 2003 The Dialog Corp.
File 608:KR/T Bus.News. 1992-2003/Mar 05
(c)2003 Knight Ridder/Tribune Bus News
File 112:UBM Industry News 1998-2003/Mar 05
(c) 2003 United Business Media
File 16:Gale Group PROMT(R) 1990-2003/Mar 05
(c) 2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2003/Mar 04
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File 80:TGG Aerospace/Def.Mkts(R) 1986-2003/Mar 04
(c) 2003 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2003/Mar 04
(c)2003 The Gale Group
File 634:San Jose Mercury Jun 1985-2003/Mar 04
(c) 2003 San Jose Mercury News
File 635:Business Dateline(R) 1985-2003/Mar 04
(c) 2003 ProQuest Info&Learning
File 647:CMP Computer Fulltext 1988-2003/Feb W3
(c) 2003 CMP Media, LLC
File 674:Computer News Fulltext 1989-2003/Mar W1

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 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 696:DIALOG Telecom. Newsletters 1995-2003/Mar 04
 (c) 2003 The Dialog Corp.
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc

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Set	Items	Description
S1	11579234	LOCAL()AREA OR LAN OR INTERNET OR WEB
S2	371871	S1(7N) (TRANSMITTER? OR TRANSMIS? OR SEND????? OR STREAM?)
S3	36848	S2(5N) (MUSIC OR SOUND? OR AUDIO OR PROGRAM??)
S4	25231	(RADIO OR STEREO) (5N) (TUNER OR RECEIVER?)
S5	40696	AM()FM OR (AMPLITUDE OR FREQUENCY) ()MODULATION
S6	477	(88 OR EIGHT()EIGHT) () (MEGAHERTZ OR MHZ) OR 88MHZ
S7	107	(540 OR FIVE()HUNDRED()FORTY) () (KHZ OR KILOHERTZ)
S8	5	(S6 OR S7) (S) (WAVEBAND?? OR WAVE()BAND?)
S9	852972	DIAL OR CHANNEL(3N) (STATION OR SELECTION OR DESIGNATION) OR RADIO()FREQUENC?
S10	216803	S9(S) (USER OR INDIVIDUAL?? OR PERSONS OR SUBSCRIBERS OR CUSTOMERS OR USERS OR BUYERS)
S11	5706	S10(5N) (SPECIFIED OR SELECTED OR CHOOS? OR CHOICE?)
S12	49934	(CONVERT? OR CONVERS? OR CHANG? OR TRANSFORM?) (7N)DIGITAL(-3N)ANALOG
S13	2502029	WIRELESS OR IR OR INFRARED
S14	3304	S3(S)COMPUTER?
S15	1050729	(PLAY? OR BROADCAST?) (10N) (OVER OR THROUGH OR USING OR VIA)
S16	114479	(AKOO OR VECTRONICS OR RAMSEY OR CANA()KITS OR VERONICA OR NRG OR DC()KITS OR PCS()ELECTRONICS OR NORTH()COUNTRY()RADIO - OR OLDTIMER()RADIO)
S17	3	S16(S)LOW()POWER()TRANSMITTER??
S18	2	RD S17 (unique items)
S19	0	S3(S)S16(S) (S4 OR S5 OR S6 OR S7)
S20	22	S16(S)S4
S21	22	S20 NOT S17
S22	8	RD S21 (unique items)
S23	0	S3(S)S4(S)S11
S24	0	S3(S)S4(S)S12
S25	28	S14(S) (S4 OR S5 OR S6 OR S7)
S26	28	S25 NOT (S17 OR S20)
S27	17	RD S26 (unique items)
S28	5	RD S8 (unique items)
S29	0	S3(S)S4(S)S10
S30	0	S13(5N)MODULAT?(S)RADIO(S)S3
S31	8	S15(3N) (S4 OR S5) (S)S3
S32	8	S31 NOT (S25 OR S17 OR S20)
S33	5	RD S32 (unique items)
S34	227	S10(S)S4
S35	0	S34(S)S13(S)S12

18/3,K/1 (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2003 The Gale Group. All rts. reserv.

05818840 SUPPLIER NUMBER: 75212427
Q & A. (repair of home electronic devices)
HUSTER, DEAN
Poptronics, 2, 6, 43
June, 2001
ISSN: 1526-3681 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1826 LINE COUNT: 00134

... air transmission first rather than a "carrier-current" method using the AC power lines. A **low - power transmitter** in your house will put out a stronger signal at your radios than a powerful...

...on the dial so you don't upset the neighbors or degrade the transmitted signal. **Ramsey** Electronics has their model FM10A transmitter that may work in your application. You can find...

18/3,K/2 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2003 The Gale group. All rts. reserv.

05403358 SUPPLIER NUMBER: 55206873 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Low-power FM transmitters.
Yoder, Andrew
Electronics Now, 70, 8, 37(5)
August, 1999
ISSN: 1067-9294 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2832 LINE COUNT: 00228

ABSTRACT: **Veronica** Electronics, **Ramsey** Electronics and **PCS Electronics** are some of the firms that manufacture and sell low-powered transmitters. Such firms became active in the production of **low - power transmitters** after the Federal Communications Commission became more flexible with low-powered FM broadcasters.
?

22/3,K/1 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

02196711 75163393

Put that Mac back to work as an MP3 jukebox

Engst, Adam C

Macworld v18n8 PP: 64-68 Aug 2001

ISSN: 0741-8647 JRNL CODE: IMCW

WORD COUNT: 2581

...TEXT: your MP3-playing Mac is across the room from your stereo's amplifier and speakers? **Akoo** 's \$100 Kima KS-110 and RF-Link's \$120 Cam Pro (**1/2 and...

... reviews/wirelessstrans.html) use a transmitter attached to your Mac to broadcast audio to a **stereo** -connected **receiver** . Both devices work roughly like cordless phones-the Kima transmits in the commonly used 900MHz ...

22/3,K/2 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

13917774

CUTTING EDGE: FLASH: Beam That Funky Music

ASIAWEEK

November 24, 2000

JOURNAL CODE: FAWK LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 114

... Connect the transmitter of the Kima to your computer's sound card, jack the matching **receiver** into your **stereo** , and party on, Garth. The company sells the \$150 Kima at [www. akoo .com](http://www.akoo.com).

22/3,K/3 (Item 1 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

01146062

Cutting All the Cords: New gadgets let your computer shed its wires

Business Week February 12, 2001; Pg 100E1; Number 3719

Journal Code: BW ISSN: 0007-7135

Section Heading: BusinessWeek Lifestyle: Accessories: PERSONAL TECH

Word Count: 717 *Full text available in Formats 5, 7 and 9*

BYLINE:

BY KATE MURPHY

TEXT:

...charging cradle so you rarely, if ever, have to replace batteries.

Another nifty accessory is **Akoo** 's Kima, which allows you to transmit Internet radio or MP3s to a radio anywhere...

...You hook up the transmitter to your computer's speaker port and then put the **receiver** next to any **radio** . Tune to 88.1-88.3 FM and it will broadcast whatever is playing on...

22/3,K/4 (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2003 The Gale Group. All rts. reserv.

05698163 SUPPLIER NUMBER: 71578414
Set Your Music Free. (Hardware Review) (Evaluation) (Brief Article)
Haskins, Walaika
PC Magazine, 226
March 6, 2001
DOCUMENT TYPE: Evaluation Brief Article ISSN: 0888-8507
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 123 LINE COUNT: 00011

TEXT:

Break the chains that bind your music to your PC with the **akoo .com** Kima, a 900-MHz wireless RF audio system. With two remote units (a base unit for your PC and a **receiver** for your home **stereo**), the Kima lets you play your MP3 files and CDs or listen to your favorite Internet radio station on your **stereo** . Place the **receiver** up to 1,000 feet from your PC and set your stereo to 88.1...

...don't have great reception, though, you should probably go the wired route, connecting the **receiver** to your **stereo** 's auxiliary input.

22/3,K/5 (Item 2 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2003 The Gale Group. All rts. reserv.

05495692 SUPPLIER NUMBER: 64262319
MP3 on the Move. (Technology Information) (Brief Article)
Levin, Carol
PC Magazine, 82
August 29, 2000
DOCUMENT TYPE: Brief Article ISSN: 0888-8507 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 212 LINE COUNT: 00019

... Z919, an in-dash MP3 CD changer, (\$650 street).

For your at-home listening pleasure, **akoo .com**, which runs a Web radio network and offers television programming, movie trailers, and other ...

...list). The Kima is a wireless system that retransmits audio from a PC to a **stereo receiver** or **radio** up to 1,000 feet away. The base unit at your PC can transmit MP3...

22/3,K/6 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02475218 SUPPLIER NUMBER: 70431381 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Fantastic Plastic. (Product Information) (Brief Article)
SEFF, JONATHAN
Macworld, 18, 3, 28
March, 2001
DOCUMENT TYPE: Brief Article ISSN: 0741-8647 LANGUAGE: English
RECORD TYPE: Fulltext

WORD COUNT: 161 LINE COUNT: 00014

TEXT:

...might find hidden at the bottom of your favorite breakfast cereal. But the Kima, from **Akoo** .com (708/583-9600, [www. akoo .com](http://www.akoo.com)), is a tad more sophisticated than the free decoder ring that came with your...

...with an eighth-inch stereo mini-jack--to the device's remote unit. Place the **receiver** next to a **stereo** up to 1,000 feet away, and tune it to one of the two FM...

22/3,K/7 (Item 1 from file: 141)
DIALOG(R)File 141:Readers Guide
(c) 2003 The HW Wilson Co. All rts. reserv.

03572833 H.W. WILSON RECORD NUMBER: BRGA97072833 (USE FORMAT 7 FOR FULLTEXT)

A 100-kHz-30-MHz active antenna.

Sheets, William.

Graf, Rudolf F.

Popular Electronics (1989) v. 14 (Aug. 1997) p. 48-53+

WORD COUNT: 4350

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... Hex nuts, PVC cement, wire solder hardware, etc.

Note: The following items are available from **North Country Radio**, PO Box 53, Wykagyl Station, New Rochelle, NY 10804: A complete kit of parts (minus...

...H. NY residents add 8.25[percent] sales tax. A catalog of kits for amateur **radio** projects, ATV transmitters, downconverters, **receiver** and video accessory kits, video and surveillance cameras and lenses is available for \$2 (refundable...

22/3,K/8 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

04102620 SUPPLIER NUMBER: 07934653 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Inspection equipment. (New Products Marketplace special issue) (buyers guide)

Packaging (Boston, Mass.), v34, n12, p26(3)
Fall, 1989

DOCUMENT TYPE: buyers guide ISSN: 0746-3820 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2070 LINE COUNT: 00170

... which allows packagers to monitor the signal strength much like a VU meter on a **stereo tuner**. The circuitry also features a display and trouble alert system to monitor a variety of...Autocheck 800 also has an easy-to-use front panel and rugged stainless-steel construction. **Ramsey** Technology, Inc. Circle 375 User-friendly laser inspection provides accurate verification. The BC-9000 system...

?

27/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

03283438 (USE FORMAT 7 OR 9 FOR FULLTEXT)
In-Stat Forecasts A Bright Future For 'Smart' Appliances
(Number of smart appliances expected to be over 20 mil units by 2005)
TWICE, v 16, n 25, p 14
November 05, 2001
DOCUMENT TYPE: Journal ISSN: 0892-7278 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 630

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...digital audio products have been introduced. Large consumer electronics companies such as Philips, RCA and **computer** manufacturers Compaq and Hewlett Packard have introduced multifunctional **audio** products, which utilize **Internet** access for **Internet** radio and **streaming** MP3s. Other functions such as hard drives, CD+ and CD/RW drives, tape decks and **AM / FM** tuners included with these products vary by manufacturer.

As the number of players and products...

27/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

03023569 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Plumbing the Home for Bits
(Shipments of Bluetooth-enabled products may total 1 bil units by 2005; discusses Bluetooth products, among others, that will be shown at upcoming Consumer Electronics Show)
Electronic News, v 47, n 02, p 34
January 08, 2001
DOCUMENT TYPE: Journal (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1691

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...company will begin shipping its Kerbango Internet radio product in January. Rather than a personal **computer** peripheral for **Internet audio streams**, the Kerbango is a stand-alone appliance that receives both traditional **AM / FM** radio signals along with **streaming audio** from a broadband **Internet** connection, such as DSL, cable modem or ISDN. The Kerbango, already available for advance order...

27/3,K/3 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

02027085 54931213
Wired for you
Anonymous
Fortune PP: 188-198 Summer 2000

ISSN: 0015-8259 JRNL CODE: FOR
WORD COUNT: 3111

...TEXT: Kerbango, a Silicon Valley startup, breaks that tether with a tabletop receiver that delivers live **audio** from any **Internet stream**. Attractive enough to display in any room (the industrial designers are former Apple employees), the...

... stations by genre, or program favorites to visit at the touch of a button. The **AM / FM** receiver will keep traditionalists in touch with local news.

Currently the device is useful only...

27/3,K/4 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

23166431
INSTALL NOW?
NEWSBYTES
July 27, 2001
JOURNAL CODE: FNEW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1035

...walk past the receiver. The SoundLink's all-hardware approach means you can broadcast any **audio** source -- **Internet** radio stations, MP3s, RealAudio **streams** and so on -- but you can't remotely control the software playing it. I prefer...

27/3,K/5 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
(c) 2003 ProQuest. All rts. reserv.

04962474 SUPPLIER NUMBER: 68049009 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Plumbing the home for bits
Hesseldahl, Arik
Electronic News (IELN), v47 n2, p34, p.1
Jan 8, 2001
ISSN: 1061-6624 JOURNAL CODE: IELN
DOCUMENT TYPE: Feature
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1723

TEXT:
... company will begin shipping its Kerbango Internet radio product in January. Rather than a personal **computer** peripheral for **Internet audio** streams, the Kerbango is a stand-alone appliance that receives both traditional **AM / FM** radio signals along with **streaming audio** from a broadband **Internet** connection, such as DSL, cable modem or ISDN. The Kerbango, already available for advance order...

27/3,K/6 (Item 2 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
(c) 2003 ProQuest. All rts. reserv.

04836077 SUPPLIER NUMBER: 58429057 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Windows Millennium Edition all about me

Spanbauer, Scott

PC World (GPCW), v18 n9, p54-60, p.7

Sep 2000

ISSN: 0737-8939 JOURNAL CODE: GPCW

DOCUMENT TYPE: Product Review-Mixed

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4113

TEXT:

... 7 is the Swiss Army knife of audio/ video playback devices. The app searches your **computer** for digital audio files (including MP3); audio CD tracks; MPEG, AVI, and ASF video clips; and files in Microsoft's Windows Media Audio format. A **Radio Tuner** section offers a vast array of **Web audio streams** arranged by category, and lets you save multiple lists of station presets. And Media Player...

27/3,K/7 (Item 1 from file: 553)

DIALOG(R)File 553:Wilson Bus. Abs. FullText

(c) 2003 The HW Wilson Co. All rts. reserv.

04310557 H.W. WILSON RECORD NUMBER: BWBA00060557 (USE FORMAT 7 FOR FULLTEXT)

Windows Millennium Edition: all about Me.

Spanbauer, Scott

PC World v. 18 no9 (Sept. 2000) p. 54-60

LANGUAGE: English

WORD COUNT: 3930

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... 7 is the Swiss Army knife of audio/video playback devices. The app searches your **computer** for digital audio files (including MP3); audio CD tracks; MPEG, AVI, and ASF video clips; and files in Microsoft's Windows Media Audio format. A **Radio Tuner** section offers a vast array of **Web audio streams** arranged by category, and lets you save multiple lists of station presets. And Media Player...

27/3,K/8 (Item 1 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

01234602

TECH STEALS A MARCH ON THE HIT PARADE: Satellite and Web-streamed

broadcasts could bring joy to radio-weary music lovers

Business Week April 8, 2002; Pg 20; Number 3777

Journal Code: BW ISSN: 0007-7135

Section Heading: Technology & You

Word Count: 679 *Full text available in Formats 5, 7 and 9*

BYLINE:

By Stephen H. Wildstrom

tech&you@businessweek.com

TEXT:

... major alternative to conventional broadcasting, has a more uncertain future. The main way to hear **music streamed** over the **Internet** now is

on a **computer** . Compaq, Hewlett-Packard, Kenwood, and SonicBlue offer Webcast **receivers** that connect to home **stereo** systems.

The economics of Webcasting are dicey to begin with: No one has succeeded at...

27/3,K/9 (Item 1 from file: 570)

DIALOG(R)File 570:Gale Group MARS(R)

(c) 2003 The Gale Group. All rts. reserv.

02164923 Supplier Number: 80308554 (USE FORMAT 7 FOR FULLTEXT)

In-stat forecasts a bright future for 'smart' appliances. (By The Numbers). (Brief Article)

Wolf, Cindy

TWICE, v16, n25, p14(1)

Nov 5, 2001

ISSN: 0892-7278

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Magazine/Journal; Trade

Word Count: 735

... digital audio products have been introduced. Large consumer electronics companies such as Philips, RCA and **computer** manufacturers Compaq and Hewlett Packard have introduced multi functional **audio** products, which utilize **Internet** access for **Internet** radio and **streaming** MP3s. Other functions such as hard drives, CD+ and CD/RW drives, tape decks and **AM / FM** tuners included with these products vary by manufacturer.

As the number of players and products...

27/3,K/10 (Item 1 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00935295 20030216NYSU003 (USE FORMAT 7 FOR FULLTEXT)

TerraDigital Systems Debuts Wireless Digital Audio Jukebox

PR Newswire

Sunday, February 16, 2003 07:15 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 957

TEXT:

...car, in your gym bag, or in the stack next to your stereo or office **computer** . We've solved that problem because TerraPlayer makes it easy and rewarding to create a...

...to its digital audio content access and playback capability, houses a sound system and conventional

AM - FM tuner. For customers who want to listen to music through their existing stereo system, TerraDigital...

...Radio that plugs directly into, and plays through, a component stereo system. TerraPlayer also supports **streaming audio** for **Internet** radio.

TerraPlayer is bundled with a PC application that captures and displays

automated intelligent music...

27/3,K/11 (Item 1 from file: 141)
DIALOG(R)File 141:Readers Guide
(c) 2003 The HW Wilson Co. All rts. reserv.

04295672 H.W. WILSON RECORD NUMBER: BRGA00045672 (USE FORMAT 7 FOR FULLTEXT)

Windows Millennium Edition: all about Me.
Spanbauer, Scott.
PC World v. 18 no9 (Sept. 2000) p. 54-60
WORD COUNT: 3930

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... 7 is the Swiss Army knife of audio/video playback devices. The app searches your **computer** for digital audio files (including MP3); audio CD tracks; MPEG, AVI, and ASF video clips; and files in Microsoft's Windows Media Audio format. A **Radio Tuner** section offers a vast array of **Web audio streams** arranged by category, and lets you save multiple lists of station presets. And Media Player...

27/3,K/12 (Item 1 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
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00761977

KENWOOD REJECTS WEB SALES FOR SOVEREIGN LINE
AUDIO WEEK

April 16, 2001 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: WARREN PUBLISHING INC.
LANGUAGE: ENGLISH WORD COUNT: 969

RECORD TYPE: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

TEXT:

...components
and Entre "entertainment hub" (\$1,800, Aug.), jointly developed by OpenGlobe, that stores and **streams** compressed and uncompressed **music** files and **Internet** radio while serving as main controller for other Kenwood Sovereign components. DVD components include top...s functions through on-screen menu displayed on video monitor. It also seamlessly integrates standard **AM / FM** radio with Web radio. Company said it would ship Axxess remote portal in Oct. that...

...year that would allow
transfer of both MP3 and Windows Media Audio (WMA) files from **computer** desktop to Entre and setup of Entre's Home PNA.

Services for Entre are provided...

27/3,K/13 (Item 2 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
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00761872

NO WEB SALES FOR SOVEREIGN LINE

CONSUMER ELECTRONICS

April 16, 2001 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: WARREN PUBLISHING INC.

LANGUAGE: ENGLISH

WORD COUNT: 1059

RECORD TYPE: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

TEXT:

...components and Entre
"entertainment hub" (\$1,800, Aug.), jointly developed by
OpenGlobe, that stores and **streams** compressed and uncompressed
music files and **Internet** radio, while serving as main controller
for other Kenwood Sovereign components. Sovereign products were
spotlighted...s functions through on-screen menu displayed on
video monitor. It also seamlessly integrates standard **AM / FM** radio
with Web radio. Company said it also would ship Axxess remote
portal in Oct...

...year that would allow transfer of both MP3
and Windows Media Audio (WMA) files from **computer** desk top to
Entre and setup of Entre's Home PNA.

Services for Entre are...

27/3,K/14 (Item 3 from file: 696)

DIALOG(R)File 696:DIALOG Telecom. Newsletters

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00722008

OWNERSHIP RULES 'IN PLAY'

TELEVISION DIGEST

April 17, 2000 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: WARREN PUBLISHING INC.

LANGUAGE: ENGLISH

WORD COUNT: 2632

RECORD TYPE: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

TEXT:

...band, on-channel DAB system... Broadcast equipment maker Chyron
unveiled broadcast-compliant coder designed for **streaming audio**
and video over **Internet** . It said new technology is part of global
strategy to switch to "mediacasting" from broadcasting...bandwidth traffic.
Napster
permits users to exchange personal MP3 music files through
software installed on **computers** . Cox spokeswoman said it was not
first time that customers had been notified about running...signed
agreement with XM Satellite Radio to offer
service in its vehicles along with standard **AM - FM** radio.
Companies will market service jointly but didn't release details.

Criticizing comments by NAB...band, on-channel DAB system... Broadcast
equipment maker Chyron
unveiled broadcast-compliant coder designed for **streaming audio**
and video over **Internet** . It said new technology is part of global
strategy to switch to "mediacasting" from broadcasting...bandwidth traffic.
Napster
permits users to exchange personal MP3 music files through

software installed on **computers** . Cox spokeswoman said it was not first time that customers had been notified about running...signed agreement with XM Satellite Radio to offer service in its vehicles along with standard **AM - FM** radio. Companies will market service jointly but didn't release details.

Criticizing comments by NAB...

27/3,K/15 (Item 4 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
(c) 2003 The Dialog Corp. All rts. reserv.

00703733

MICROSOFT TAKES CENTER STAGE
CONSUMER ELECTRONICS
December 13, 1999 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: WARREN PUBLISHING INC.
LANGUAGE: ENGLISH WORD COUNT: 755 RECORD TYPE: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

TEXT:

...Competitor RealNetworks announced strategic relationship with Manhattan-based WebGlide at SMW in which latter's **computer** - generated video (CGV) technology will be integrated into RealNetworks'G2 architecture to create new product...

...to ship in first quarter 2000 at under \$50. Tuner allows user to download or **stream** digital **music** to their PC from **Web** , create play lists, then play songs on home **stereo** . User just plugs **tuner** into PC and tuner, then transmits music to open station on receiver.
Displaying new digital...Competitor RealNetworks announced strategic relationship with Manhattan-based WebGlide at SMW in which latter's **computer** - generated video (CGV) technology will be integrated into RealNetworks'G2 architecture to create new product...to ship in first quarter 2000 at under \$50. Tuner allows user to download or **stream** digital **music** to their PC from **Web** , create play lists, then play songs on home **stereo** . User just plugs **tuner** into PC and tuner, then transmits music to open station on receiver.

Displaying new digital...

27/3,K/16 (Item 5 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
(c) 2003 The Dialog Corp. All rts. reserv.

00689822

NAB PRESSES FIGHT AGAINST LOW-POWER FM AT RADIO SHOW
AUDIO WEEK
September 6, 1999 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: WARREN PUBLISHING INC.
LANGUAGE: ENGLISH WORD COUNT: 1343 RECORD TYPE: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

TEXT:

...would be follow-up to Commission's earlier research on interference-handling abilities of 21 **radio receivers** . FCC Comr. Furchtgott-Roth, in contrast to others who emphasized LPFM's impact on station...

...them to operate, potentially forcing digital radio to seek new spectrum.

Another hot convention issue, **streaming audio** on **Internet** , was described by investment banker Bishop Sheen as "both a tremendous challenge and a tremendous...he said, is in offices during working hours, when employees listen to radio via their **computers** .

Streaming audio still is expensive because it "chews up a lot of very expensive bandwidth...

...already have Web sites and at least 48% of those in top 100 markets are **streaming audio** via **Internet** .

Internet streaming is being fueled by increased **Internet** access, research indicated. Joint study said at-home Internet access grew to 37% in July...

...of the Industry" session at convention. He said stations should stop "giving away" space on **Web** sites and in their **streaming audio** .

Rosin said radio broadcasters can counter effect by making use of Internet, both to extend...would be follow-up to Commission's earlier research on interference-handling abilities of 21 **radio receivers** . FCC Comr. Furchtgott-Roth, in contrast to others who emphasized LPFM's impact on station...

...them to operate, potentially forcing digital radio to seek new spectrum.

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...he said, is in offices during working hours, when employees listen to radio via their **computers** .

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Internet streaming is being fueled by increased **Internet** access, research indicated. Joint study said at-home Internet access grew to 37% in July...

...of the Industry" session at convention. He said stations should stop "giving away" space on **Web** sites and in their **streaming audio** .

Rosin said radio broadcasters can counter effect by making use of Internet, both to extend...

27/3,K/17 (Item 6 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
(c) 2003 The Dialog Corp. All rts. reserv.

00689131

NAB PRESSES LPFM ARGUMENTS IN RADIO SHOW PRESENTATIONS

COMMUNICATIONS DAILY

September 2, 1999 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: WARREN PUBLISHING INC.

LANGUAGE: ENGLISH

WORD COUNT: 1448

RECORD TYPE: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

TEXT:

...would be follow-up to Commission's earlier study of interference-handling abilities of 21 **radio receivers** . FCC Comr. Furchtgott-Roth, in contrast to Tristani's emphasis on ownership diversity, said interference...

...he has before, Furchtgott-Roth said
FCC has exceeded its statutory authority to regulate broadcasting.

Internet Radio Highlighted

Streaming audio on **Internet** is "both a tremendous challenge and a tremendous opportunity" for radio stations, said investment banker...

...he said, is in offices during working hours,
when employees listen to radio via their **computers** .

Streaming audio still is expensive because it "chews up a lot of very expensive bandwidth...the center of all media." Radio has better opportunity than other media to cross-promote **Web** sites and **streaming audio** , for example, he said: "The power of radio is truly in its embryonic stages."

CD...would be follow-up to Commission's earlier study of interference-handling abilities of 21 **radio receivers** . FCC Comr. Furchtgott-Roth, in contrast to Tristani's emphasis on ownership diversity, said interference...

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when employees listen to radio via their **computers** .

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28/3,K/1 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

25402085 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Azeri state TV, radio change frequencies
BBC MONITORING INTERNATIONAL REPORTS
October 09, 2002
JOURNAL CODE: WBMS LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 133

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... 891 kHz frequency will be stopped, and it will continue to
broadcast on FM with **88 MHz** frequency.
Source: Azerbaijani TV Channel One, Baku, in Azeri 1500 gmt 9 Oct 02
/ BBC...

28/3,K/2 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
(c) 2003 ProQuest. All rts. reserv.

03857751 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Using the general coverage portion of your receiver
Carr, Joseph J
Popular Electronics (IPEL), v15 n9, p59-60+, p.3
Sep 1998
ISSN: 1042-170X JOURNAL CODE: IPEL
DOCUMENT TYPE: Feature
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1549

TEXT:
... the general picture outside of the ham bands.
WHAT'S OUTSIDE THE HAM BANDS?
100- **540 kHz** . These are the longwave bands. Some CW (Morse code)
activity is found in this region...

...transmit using AM and provide weather forecasts. European broadcasters
use a portion of the long- **wave bands** as a second AM broadcast band. The
European low-frequency AM broadcast band (BCB) is...

28/3,K/3 (Item 1 from file: 141)
DIALOG(R)File 141:Readers Guide
(c) 2003 The HW Wilson Co. All rts. reserv.

03826878 H.W. WILSON RECORD NUMBER: BRGA98076878 (USE FORMAT 7 FOR
FULLTEXT)
Using the general coverage portion of your receiver.
Carr, Joseph J.
Popular Electronics (1989) v. 15 no9 (Sept. 1998) p. 59-60+
WORD COUNT: 1834

(USE FORMAT 7 FOR FULLTEXT)

TEXT:
... the general picture outside of the ham bands.

WHAT'S OUTSIDE THE HAM BANDS?

100- 540 kHz . These are the long- wave bands . Some CW (Morse code) activity is found in this region. You will also find some...

...transmit using AM and provide weather forecasts. European broadcasters use a portion of the long- wave bands as a second AM broadcast band. The European low-frequency AM broadcast band (BCB) is...

28/3,K/4 (Item 1 from file: 80)
DIALOG(R)File 80:TGG Aerospace/Def.Mkts(R)
(c) 2003 The Gale Group. All rts. reserv.

01104774 Supplier Number: 39874718
Project Raven: Australian military communications step forward
International Defense Review, v19, p1711,1712
Nov, 1986
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:

...Plessey system 4000-derived modern sophisticated technical radio system that covers the HF and CHF wavebands as part of its Project Raven and end-1980s. The Raven system is claimed to...

...the PTR-4400 VHF transceiver to provide analogue voice transmission and reception over the 30- 88 MHz frequency range.

28/3,K/5 (Item 2 from file: 80)
DIALOG(R)File 80:TGG Aerospace/Def.Mkts(R)
(c) 2003 The Gale Group. All rts. reserv.

01104477 Supplier Number: 39872502
The FH/TRC-950 transceiver by Thomson-CSF
Defense & Armament Heracles International, n56, p77
Nov, 1986
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:

...of 383 mm. The compact transceiver functions in the FM mode and in the VHF waveband along the 30- 88 MHz frequency. It can be fitted on any military vehicle or used as a fixed station...

?

33/3,K/1 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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02519708 274794261

Promoting progress or rewarding authors? Copyright law and free speech in Bonneville International Corp. v. Peters

Carter, Edward L

Brigham Young University Law Review v2002n4 PP: 1155-1179 2002

ISSN: 0360-151X JRNL CODE: BYU

WORD COUNT: 5625

...TEXT: that Congress failed to directly address the question at issue in this case-namely, whether **AM /FM broadcasters** who **stream over the Internet** are exempt from the limited **sound** recording right-the court then analyzed whether or not the Copyright Office reached a reasonable...

33/3,K/2 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

04711759 Supplier Number: 63137750 (USE FORMAT 7 FOR FULLTEXT)

AUDIO NOTES.

Audio Week, v12, n27, pNA

July 3, 2000

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 2819

... week. RCA-parent Thomson said Kerbango license would enable it to offer line of home **audio** products that use **Internet** to access **streaming** media files and deliver thousands of new radio channels to home listeners through PCs. First ...broadband DSL or digital cable modem access to Web. RCA Internet radio also features conventional **AM / FM** reception for **over -air broadcasts** . Later version of Internet radio will have dial-up modem, Thomson said. Price hasn't...

33/3,K/3 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

04711739 Supplier Number: 63137729 (USE FORMAT 7 FOR FULLTEXT)

NOTEBOOK.

Consumer Electronics, v40, n27, pNA

July 3, 2000

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 3364

... cash. RCA- parent Thomson said Kerbango license would enable it to offer line of home **audio** products that used **Internet** to access **streaming** media files and deliver thousands of new radio channels to home listeners through PCs. First...

...broadband DSL or digital cable modem access to Web. RCA Internet radio also features conventional **AM / FM** reception for **over -air broadcasts** . Later version of Internet radio will

33/3,K/4 (Item 1 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
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00734231

RCA Internet radio will make debut later this year following
CONSUMER MULTIMEDIA REPORT
July 10, 2000 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: WARREN PUBLISHING INC.
LANGUAGE: ENGLISH WORD COUNT: 218 RECORD TYPE: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

TEXT:

...cash. RCA parent Thomson said Kerbango license would enable it to offer line of home **audio** products that used **Internet** to access **streaming** media files and deliver thousands of new radio channels to home listeners through PCs. First...

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33/3,K/5 (Item 2 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
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00733059

RCA Internet radio will make debut later this year following agreement
CONSUMER ELECTRONICS
July 3, 2000 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: WARREN PUBLISHING INC.
LANGUAGE: ENGLISH WORD COUNT: 286 RECORD TYPE: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

TEXT:

...cash. RCA-
parent Thomson said Kerbango license would enable it to offer line of home **audio** products that used **Internet** to access **streaming** media files and deliver thousands of new radio channels to home listeners through PCs. First...

...broadband DSL or digital cable modem access to Web. RCA Internet radio also features conventional **AM / FM** reception for **over -air broadcasts** .
Later

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...broadband DSL or digital cable modem access to Web. RCA Internet radio also features conventional **AM / FM** reception for **over -air broadcasts** .
Later
version of Internet radio will have dial-up modem, Thomson said. Price hasn't...
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File 348:EUROPEAN PATENTS 1978-2003/Feb W04

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030227,UT=20030220

(c) 2003 WIPO/Univentio

? ds

Set	Items	Description
S1	129684	LOCAL()AREA OR LAN OR INTERNET OR WEB
S2	16228	S1(7N)(TRANSMITTER? OR TRANSMIS? OR SEND????? OR STREAM?)
S3	1266	S2(5N)(MUSIC OR SOUND? OR AUDIO OR PROGRAM??)
S4	13146	(RADIO OR STEREO)(5N)(TUNER OR RECEIVER?)
S5	11112	AM()FM OR (AMPLITUDE OR FREQUENCY)()MODULATION
S6	274	(88 OR EIGHT()EIGHT)()(MEGAHERTZ OR MHZ) OR 88MHZ
S7	38	(540 OR FIVE()HUNDRED()FORTY)()(KHZ OR KILOHERTZ)
S8	1	(S6 OR S7)(S)(WAVEBAND?? OR WAVE()BAND?)
S9	160429	DIAL OR CHANNEL(3N)(STATION OR SELECTION OR DESIGNATION) OR RADIO()FREQUENC?
S10	18560	S9(S)(USER OR INDIVIDUAL?? OR PERSONS OR SUBSCRIBERS OR CU- STOMERS OR USERS OR BUYERS)
S11	1322	S10(5N)(SPECIFIED OR SELECTED OR CHOOS? OR CHOICE?)
S12	43791	(CONVERT? OR CONVERS? OR CHANG? OR TRANSFORM?)(7N)DIGITAL(- 3N)ANALOG
S13	167131	WIRELESS OR IR OR INFRARED
S14	434	S3(S)COMPUTER?
S15	28712	(PLAY? OR BROADCAST?)(10N)(OVER OR THROUGH OR USING OR VIA)
S16	7	S14(S)S15(S)(S4 OR S5 OR S6 OR S7)
S17	4	PA=AKOO
S18	1	S3(S)S12(S)S4
S19	1	S18 NOT (S16 OR S17)
S20	4	S11(S)S3(S)RADIO
S21	4	S20 NOT (S16 OR S17 OR S18)
S22	2	S12(S)S3(S)RADIO
S23	1	S22 NOT (S20 OR S16 OR S17 OR S18)
S24	32663	IC=H04B?
S25	45	S24 AND S3
S26	9	S25(S)RADIO
S27	9	S26 NOT (S22 OR S20 OR S16 OR S17 OR S18)

8/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00190325 **Image available**

REMOTE SENSING APPARATUS FOR A VEHICLE
APPAREIL DE DETECTION A DISTANCE POUR VEHICULES

Patent Applicant/Assignee:

MONTAGUE Lewis,

Inventor(s):

MONTAGUE Lewis,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9107672 A2 19910530

Application: WO 90GB1731 19901109 (PCT/WO GB9001731)

Priority Application: GB 8925384 19891109

Designated States: AT AT AU BB BE BF BG BJ BR CA CF CG CH CH CM DE DE DK DK

ES ES FI FR GA GB GB GR HU IT JP KP KR LK LU LU MC MG ML MR MW NL NL NO

RO SD SE SE SN SU TD TG US

Publication Language: English

Fulltext Word Count: 4715

Fulltext Availability:

Detailed Description

Detailed Description

... signal.

The transmitter can be tuned to operate at any frequency from, for example, about **88 MHz** to 150 MHz and above allowing it to be configured to meet local broadcasting **waveband** regulations. It is considered that a frequency in the region between 144 and 148 MHz...

?

16/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00952605 **Image available**

SYNCHRONOUS UPDATING OF DYNAMIC INTERACTIVE APPLICATIONS
MISE A JOUR SYNCHRONE D'APPLICATIONS INTERACTIVES DYNAMIQUES

Patent Applicant/Assignee:

WINK COMMUNICATIONS INC, 1001 Marina Village Parkway, Alameda, CA 94501,
US, US (Residence), US (Nationality)

Inventor(s):

GEBHARDT Bryan C, 35620 McCarty Common, Fremont, C 94536, US,
AZARM Housman, Apt. 6, 255 41st Street, Alameda, CA 94611, US,
McCULLOUGH Charles N, 61 Agnes Street, Oakland, CA 94618s, US,
VALDIVIA Edgard S, 2185 Hayes Street #3, San Francisco, CA 94117, US,

Legal Representative:

BRILL Jeffrey (et al) (agent), Fenwick & West LLP, Two Palo Alto Square,
Palo Alto, CA 94306, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200286746 A1 20021031 (WO 0286746)

Application: WO 2002US13125 20020425 (PCT/WO US0213125)

Priority Application: US 2001843614 20010425

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ

DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE

SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25478

Fulltext Availability:

Detailed Description

Detailed Description

... another embodiment, a personal computer with the appropriate hardware and software may function to display **broadcast programs** received **over** various types of **transmission** channels, including cable, the **Internet**, and satellite. The embodiment illustrated in Fig. 2 shows a display 218, typically a television...

16/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00874827 **Image available**

METHOD AND APPARATUS FOR PROVIDING VIRTUAL FREQUENCY IDENTIFIERS FOR INTERNET RADIO

PROCEDE ET APPAREIL PERMETTANT DE CREER DES IDENTIFICATEURS DE FREQUENCE VIRTUELS POUR UNE RADIO INTERNET

Patent Applicant/Assignee:

ARRIO COMMUNICATIONS INC, Suite 240, 3004 Mission Street, Santa Cruz, CA 95060, US, US (Residence), US (Nationality)

Inventor(s):

NUSS Randall S, 121 Cayuga Street, Santa Cruz, CA 95062, US,

WERBICKI Robert S, 130 St. Andrews Way, Aptos, CA 95008, US,

Legal Representative:

MALLIE Michael J (et al) (agent), Blakely, Sokoloff, Taylor & Zafman LLP,
7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200208925 A1 20020131 (WO 0208925)

Application: WO 2001US15988 20010518 (PCT/WO US0115988)

Priority Application: US 2000618985 20000719; US 2001755931 20010105

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7863

Fulltext Availability:

Detailed Description

Detailed Description

... to internet audio communications.

BACKGROUND OF THE INVENTION

For many years, audio communications have been **broadcast** almost instantly from a source to **receivers** via **radio** waves. These **radio** communications were limited in range and quality, not permitting distant high-quality audio communications. More...

...vehicle for communicating audio signals over greater distances while maintaining high audio quality. General purpose **computers** running internet communications programs have been used to receive **audio** signals from sources **sending** such signals through the **Internet**. However, these general purpose **computers** continue to be expensive and less cost effective for those who would purchase such a **computer** solely or primarily for listening to internet radio. Furthermore, the complexity of using such **computers** continues to deter those who prefer the simpler interface of a conventional radio. Some lower...

16/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00800223 **Image available**

AUTOMATED CONTROL OF INTERACTIVE APPLICATION EXECUTION USING DEFINED TIME PERIODS

COMMANDE AUTOMATISEE D'EXECUTION D'APPLICATIONS INTERACTIVES AU MOYEN DE PERIODES DE TEMPS DEFINIES

Patent Applicant/Assignee:

WINK COMMUNICATIONS INC, 1001 Marina Village Parkway, Alameda, CA 94501,
US, US (Residence), US (Nationality)

Inventor(s):

DEL SESTO Eric E, 1082 Armitage Street, Alameda, CA 94502, US,

MCCULLOUGH Charlie, 19726 Somerville Court, Saratoga, CA 95070, US,

RANSIL Pat, 509 Creedon Circle, Alameda, CA 94502, US,

AZARM Houman, 255 41st Street, Apt. 6, Oakland, CA 94611, US,

Legal Representative:

SACHS Robert R (et al) (agent), Fenwick & West LLP, Two Palo Alto Square,
Palo Alto, CA 94306, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200133833 A1 20010510 (WO 0133833)

Application: WO 2000US30059 20001031 (PCT/WO US0030059)

Priority Application: US 99431001 19991101

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9000

Fulltext Availability:

Detailed Description

Detailed Description

... a personal computer with the appropriate hardware and software may
function to receive and display **broadcast programs over** various
types of **transmission** channels, including cable, the **Internet**, and
satellite. The embodiment illustrated in FIG. 2 shows a display 218,
typically a television...

16/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00764594 **Image available**

**AUTOMATIC CONTROL OF BROADCAST AND EXECUTION OF INTERACTIVE APPLICATIONS TO
MAINTAIN SYNCHRONOUS OPERATION WITH BROADCAST PROGRAMS**

**CONTROLE AUTOMATIQUE DE LA DIFFUSION ET DE L'EXECUTION D'APPLICATIONS
INTERACTIVES AFIN DE MAINTENIR UNE OPERATION SYNCHRONNE AVEC DES
PROGRAMMES DIFFUSES**

Patent Applicant/Assignee:

WINK COMMUNICATIONS INC, 1001 Marina Village Parkway, Alameda, CA 94501,
US, US (Residence), US (Nationality)

Inventor(s):

GEBHARDT Bryan C, 3726 Maybelle Avenue #7, Oakland, CA 94619, US

PATEL Kalpesh R, 14 Torregata Loop, San Jose, CA 95134, US

THYGESEN Allan C, 6 Patterson Avenue, Menlo Park, CA 94025, US

BERRIATUA Steve, 778 Olive Court, San Bruno, CA 94066, US

MICHEL Christopher J, 3000 Adornos Way, Burbank, CA 91504, US

Legal Representative:

SACHS Robert R, Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA
94306, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200078043 A1 20001221 (WO 0078043)

Application: WO 2000US16272 20000613 (PCT/WO US0016272)

Priority Application: US 99333724 19990615

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG

UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 22879

Fulltext Availability:
Detailed Description

Detailed Description

... another embodiment, a personal computer with the appropriate hardware and software may function to display **broadcast programs** received over various types of **transmission** channels, including cable, the **Internet**, and satellite. The 30 embodiment illustrated in Fig. 2 shows a display 218, typically a...

16/3,K/5 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00764585 **Image available**

AUTOMATED RETIREMENT OF INTERACTIVE APPLICATIONS USING RETIREMENT INSTRUCTIONS FOR EVENTS AND PROGRAM STATES
RETRAIT AUTOMATISE D'UNE APPLICATION INTERACTIVE A L'AIDE D'INSTRUCTIONS DE RETRAIT ASSOCIEES A DES EVENEMENTS ET DES ETATS DE PROGRAMME

Patent Applicant/Assignee:

WINK COMMUNICATIONS INC, 1001 Marina Village Parkway, Alameda, CA 94501, US, US (Residence), US (Nationality)

Inventor(s):

DEL SESTO Eric E, 1082 Armitage Street, Alameda, CA 94502, US,
COLLETTE James R, 593 Tarryton Isle, Alameda, CA 94501, US,
YU Jeffrey W, 2101 Shoreline Dr. #432, Alameda, CA 94501, US,
MCCULLOUGH Charlie, 19726 Somerville Court, Saratoga, CA 95070, US,
RANSIL Pat, 509 Creedon Circle, Alameda, CA 94502, US,
CATLIN Bryce S, 593 Tarryton Isle, Alameda, CA 94501, US,
AZARM Housman, 255 41st Street, Apt. 6, Alameda, CA 94611, US,

Legal Representative:

SACHS Robert R (et al) (agent), Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200078033 A2-A3 20001221 (WO 0078033)
Application: WO 2000US16527 20000613 (PCT/WO US0016527)
Priority Application: US 99334131 19990615

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 15789

Fulltext Availability:
Detailed Description

Detailed Description

... a personal computer with the appropriate hardware and software may

function to receive and display **broadcast programs** over various types of **transmission** channels, including cable, the **Internet**, and satellite. The 30 embodiment illustrated in FIG. 2 shows a display 218, typically a...

16/3,K/6 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00764238 **Image available**

INTERNET RADIO RECEIVER AND INTERFACE
RECEPTEUR ET INTERFACE POUR RADIO INTERNET

Patent Applicant/Assignee:

SONICBOX INC, 241 Polaris Avenue, Mountain View, CA 94043, US, US
(Residence), US (Nationality)

Inventor(s):

BOLAS Mark T, 241 Polaris Avenue, Mountain View, CA 94043, US
MCDOWALL Ian E, 241 Polaris Avenue, Mountain View, CA 94043, US

Legal Representative:

CROCKETT David K, Crockett & Crockett, Suite 400, 24012 Calle De La
Plata, Laguna Hills, CA 92653, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200077655 A1 20001221 (WO 0077655)

Application: WO 2000US16399 20000615 (PCT/WO US0016399)

Priority Application: US 99334846 19990616

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6029

Fulltext Availability:

Claims

Claim

... associated with the desired audio content provider and accept audio information from the URL for **playback through** the audio speakers. providing a plurality of audio content providers on the internet accessible to...

...12

Fig. 1

/4

Figs 2

1 0 California F M 98.7 +

2

7

AM / FM /1M

4

21 F- 22

computer

23,-@ audio card proccooor memory

databaoc

amp
25 modcm/NIC
t
ro
opeaker 26
15F...

16/3,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00482264 **Image available**

SYSTEM FOR PROVIDING GLOBAL PORTABLE INTERNET ACCESS USING LOW EARTH ORBIT
SATELLITE AND SATELLITE DIRECT RADIO BROADCAST SYSTEM
SYSTEME PERMETTANT DE FOURNIR UN ACCES MONDIAL ET MOBILE A INTERNET PAR UN
SATELLITE A ORBITE BASSE ET UN SYSTEME DE RADIODIFFUSION DIRECTE PAR
SATELLITE

Patent Applicant/Assignee:
WORLDSPACE INC,

Inventor(s):

ROTHBLATT Martine A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9913616 A1 19990318

Application: WO 98US17102 19980819 (PCT/WO US9817102)

Priority Application: US 97923935 19970905

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE
DK DK EE EE ES FI FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ
MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ
CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 11335

Fulltext Availability:

Detailed Description

Detailed Description

... and images and to transmit information in accordance with the present invention is preferably implemented **using** a satellite direct radio **broadcast** system. The direct radio **broadcast** system preferably consists of three geostationary satellites (one of which is indicated at 20 in Fig. 1), low cost **radio receivers** or user terminals, and associated ground networks. For illustrative purposes, a single user terminal 22 is shown which comprises a hand-held **radio receiver** 21 connected to a **computer** 29. One or more low earth orbit (LEO) satellites 24 are preferably used in...26 in the direct radio broadcast system with multimedia information from the Internet such as **web** pages, **sound** bites and other data for **transmission** to the user terminals 22 via the satellites 20. The global, portable Internet service system...

...an Internet service provider, for example, to a user terminal 22 efficiently and cost effectively **using** the satellite direct radio **broadcast** system, as well as transmit relatively small amounts of data such as backhaul data (e...
?

17/3,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01312764

STREAMING MEDIA PERSONALIZED PROGRAM SCHEDULER

PROGRAMMATEUR PERSONNALISE DE CONTENUS RADIODIFFUSES EN CONTINU

PATENT ASSIGNEE:

Akoo , Inc., (3359720), 2500 N. Harlem, Elmwood Park, IL 60707, (US),

(Applicant designated States: all

INVENTOR:

DRAKOULIS, Niko, 2500 Harlem Avenue, Elmwood Park, IL 60707, (US)

SPYRIDONOS, Niko, 2619 W. Agatite, Chicago, IL 60625, (US)

PATENT (CC, No, Kind, Date):

WO 2001043322 010614

APPLICATION (CC, No, Date): EP 2000992375 001103; WO 2000US42501 001103

PRIORITY (CC, No, Date): US 452792 991202

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-007/173

LANGUAGE (Publication,Procedural,Application): English; English; English

PATENT ASSIGNEE:

Akoo , Inc...

17/3,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01292628

WIRELESS 900 MHZ BROADCAST LINK TO REMOTE RECEIVER

LIEN DE DIFFUSION HERTZIENNE A 900 MHZ VERS UN RECEPTEUR DISTANT

PATENT ASSIGNEE:

Akoo , Inc., (3359720), 2500 N. Harlem, Elmwood Park, IL 60707, (US),

(Applicant designated States: all

INVENTOR:

DRAKOULIS, Niko, 2500 Harlem Avenue, Elmwood Park, IL 60707, (US)

PACE, Ronald, G., 2523 River Road Drive, Naperville, IL 60565, (US)

PEDIGO, Michael, K., 2810 Pomona Ct., Indianapolis, IN 46268, (US)

PHILLIPS, Russell, A., 2830 East 700 South, Lebanon, IN 46052, (US)

PATENT (CC, No, Kind, Date):

WO 2001030008 010426

APPLICATION (CC, No, Date): EP 2000965307 000921; WO 2000US26021 000921

PRIORITY (CC, No, Date): US 419178 991015

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-001/00

LANGUAGE (Publication,Procedural,Application): English; English; English

PATENT ASSIGNEE:

Akoo , Inc...

17/3,K/3 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00809657

Image available

**STREAMING MEDIA PERSONALIZED PROGRAM SCHEDULER
PROGRAMMATEUR PERSONNALISE DE CONTENUS RADIODIFFUSES EN CONTINU**

Patent Applicant/Assignee:

AKOO INC, 2500 N. Harlem, Elmwood Park, IL 60707, US, US (Residence),
US (Nationality)

Inventor(s):

DRAKOULIS Niko, 2500 Harlem Avenue, Elmwood Park, IL 60707, US,
SPYRIDONOS Niko, 2619 W. Agatite, Chicago, IL 60625, US,

Legal Representative:

HANLON William M Jr (agent), Young & Basile, P.C., Suite 624, 3001 West
Big Beaver Road, Troy, MI 48084, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200143322 A2-A3 20010614 (WO 0143322)

Application: WO 2000US42501 20001103 (PCT/WO US0042501)

Priority Application: US 99452792 19991202

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5033

Patent Applicant/Assignee:

AKOO INC...

17/3,K/4 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00796479 **Image available**

WIRELESS 900 MHZ BROADCAST LINK TO REMOTE RECEIVER

LIEN DE DIFFUSION HERTZIENNE A 900 MHZ VERS UN RECEPTEUR DISTANT

Patent Applicant/Assignee:

AKOO COM, 2500 N. Harlem, Elmwood Park, IL 60707, US, US (Residence),
US (Nationality)

Inventor(s):

DRAKOULIS Niko, 2500 Harlem Avenue, Elmwood Park, IL 60707, US,

PACE Ronald G, 2523 River Road Drive, Naperville, IL 60565, US,

PEDIGO Michael K, 2810 Pomona Ct., Indianapolis, IN 46268, US,

PHILLIPS Russell A, 2830 East 700 South, Lebanon, IN 46052, US,

Legal Representative:

HANLON William M Jr (agent), Young & Basile, PC, Suite 624, 3001 West Big
Beaver Road, Troy, MI 48084, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200130008 A2 20010426 (WO 0130008)

Application: WO 2000US26021 20000921 (PCT/WO US0026021)

Priority Application: US 99419178 19991015

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 8008

Patent Applicant/Assignee:
AKOO COM...

?

19/3,K/1 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00886089

AUDIO CONVERTER DEVICE AND METHOD FOR USING THE SAME
DISPOSITIF DE CONVERSION AUDIO ET PROCEDE D'UTILISATION

Patent Applicant/Assignee:

SIMPLE DEVICES, 111 Anza Boulevard, Suite 120, Burlingame, CA 94010, US,
US (Residence), US (Nationality)

Inventor(s):

JANIK Craig M, 25566 Fernhill Drive, Los Altos, CA 94024, US,

Legal Representative:

MALLIE Michael J (et al) (agent), Blakely, Sokoloff, Taylor & Zafman LLP,
12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200219328 A2 20020307 (WO 0219328)

Application: WO 2001US42020 20010904 (PCT/WO US0142020)

Priority Application: US 2000230530 20000901; US 2001945018 20010901

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9676

Fulltext Availability:

Detailed Description

Detailed Description

... of bits per second (Mbps).

Overview of Operation

[00441 The fundamental operation of the digital **streaming audio**
system

involves **LAN transmission** of digital **audio** files 1 1 6 from a local
source that is a personal computer (PC 34...

...communication range of the wireless LAN access point 28, and is
connected to a conventional **stereo receiver** 44 via the right and left
RCA jack inputs. **Stereo receiver** 44 is part of a **stereo** system 40
that includes a left speaker 48 and a

8

right speaker 48. 0 is a block diagram of a portion of the digital
streaming audio system including **digital audio converter** 32 and the
stereo system 40, showing how left **analog** output 156 and right **analog**
output 160 included in **digital audio converter** 32 are connected
respectively to the left line input 78 and right line input 82 on
existing **stereo receiver** 44. Digita[udio converter 32
also includes a remote control 52 that communicates with digital...

?

21/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00897471 **Image available**

SYSTEM FOR PROVIDING SALES INFORMATION VIA INTERACTIVE DIGITAL DATA STREAMS
SYSTEME DE FOURNITURE D'INFORMATIONS DE VENTE VIA DES TRAINS DE DONNEES
NUMERIQUES INTERACTIVES

Patent Applicant/Assignee:

ACTV INC, 18th Floor, 225 Park Avenue South, New York, NY 10003-1604, US,
US (Residence), US (Nationality)

Inventor(s):

LIGA Kevin M, 221 County Ridge Drive, Rye Brook, NY 10573, US,
DEO Frank P, 37 Sandhill Road, Kendall Park, NJ 08824, US,

Legal Representative:

HATTENBACH Brad J (et al) (agent), Dorsey & Whitney LLP, Suite 4700, 370
Seventeenth Street, Denver, CO 80202, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200231627 A2-A3 20020418 (WO 0231627)

Application: WO 2001US32020 20011013 (PCT/WO US0132020)

Priority Application: US 2000687866 20001013

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 24698

Fulltext Availability:

Claims

Claim

... mediums selected from the group consisting of- terrestrial broadcast television, cable, satellite, fiber optic, microwave, **radio** , telephony, wireless telephony, and a communication network. 100. The reception system as described in claim...1 1 9 wherein the user interface is selected from the group consisting of. a **radio** frequency remote control, an infrared remote control, a keyboard, a touch screen monitor, and voice...programming transmission system as described in claim 136 wherein the program. segment selector switches between **selected** program segments without a **user** 1 5 perceptible delay between the program segments. 138. The programming transmission system as described...
...transmission mediums selected from the group consisting ofterrestrial broadcast television, cable, satellite, fiber optic, microwave, **radio** , telephony, wireless telephony, digital subscriber line, a personal communication system network, and a 1 5...

...link comprises a communication system selected from at least one of the group consisting of. **radio** , telephony, wireless telephony, digital subscriber line, a personal communication system network, a communication network, cable...

...mediums selected from the group consisting of. terrestrial broadcast television, cable, satellite, fiber optic, microwave, **radio** , telephony, wireless telephony, digital subscriber line, a personal communication

system network, and a communication network...The system as described in claim 128 or 161 wherein the indicator perceivable via a **user** interface device is **selected** from the group consisting of. a button on a remote control, a light source on...

...97 or 165 wherein the presentation device is selected from the group consisting of- television, **radio**, video tape player, audio tape player, digital video disk player, compact digital disk player, minidisk...
...self-contained system as described in claim 165 wherein the program segment selector switches between **selected** program segments without a **user** perceptible delay between the presentation of the selected program segments on the presentation device. 176...the preferences.

64

. The system as described in claim 112, 119, or 180 wherein the **user** interface is **selected** from the group consisting of. a **radio** frequency remote control, an infrared remote control, a keyboard, a touch screen monitor, and voice...

...the preferences.

188. The computer program product as described in claim 186 wherein the programming **transmission** system farther comprises a **web** browser **program** and wherein the computer readable program code means farther comprises instructions for: causing the web...

21/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00831926 **Image available**

MULTIMEDIA CONTENT DELIVERY SYSTEM AND METHOD
SYSTEME ET PROCEDE DE DISTRIBUTION DE CONTENU MULTIMEDIA

Patent Applicant/Assignee:

IJOCKEY INC, 494 Eighth Avenue, Suite 2300, New York, NY 10001, US, US
(Residence), US (Nationality)

Inventor(s):

DWEK Norman Scott, 109 Phillips Avenue, Deal, NJ 07723, US,

Legal Representative:

SPRINGER Kenneth D (et al) (agent), Long Alridge & Norman, Suite 600, 701
Pennsylvania Avenue, NW, Washington, DC 20004, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200165526 A1 20010907 (WO 0165526)

Application: WO 2001US6258 20010228 (PCT/WO US0106258)

Priority Application: US 2000516768 20000301

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11636

Fulltext Availability:

Detailed Description

Detailed Description

... all
preprogrammed channels appears in the channel selection box 382. Information about the channel currently **selected** in the **channel selection** box 382 appears in the channel display subpane 384. If a user highlights a channel then selects the play button 383, then the **music** player 120 will **send** a request across the **Internet** connection 140 to the online **music** library 110 to begin immediately streaming the selected channel to the user's computer. The selected preprogrammed channel is played "in progress" as with a conventional broadcast **radio** program.

As shown in Fig. 3B, when the user-defined channel category tab 385 is...

21/3,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784184 **Image available**

A SYSTEM, METHOD FOR FIXED FORMAT STREAM COMMUNICATION IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE POUR FLUX DE FORMAT FIXE DANS UN ENVIRONNEMENT A CONFIGURATIONS DE SERVICES DE COMMUNICATION

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, P.O. Box 52037, Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200117194 A2-A3 20010308 (WO 0117194)

Application: WO 2000US24114 20000831 (PCT/WO US0024114)

Priority Application: US 99386430 19990831

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149954

Fulltext Availability:

Claims

Claim

... Physical Media includes wiring and cabling, while wireless Physical Media includes antennas, connectors, and the **radio** frequency spectrum. The following are examples of wired physical media:
1 5 twisted pair wiring...

...wiring

The following are examples of wireless physical media:

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cellular antennas and the associated **radio** frequencies
wireless local area network antennas and the associated **radio**
frequencies

satellite antennas and the associated **radio** frequencies

TRANSACTION 1012,1014

A transaction is a unit of work that has the following...

...more applicable. These transaction managers provide sharing of server
processes across a large community of **users** and can be more efficient
than the DBMSs. Figure 26 illustrates several of the components...

21/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00456834 **Image available**

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR SWITCHED TELEPHONY
COMMUNICATION

SYSTEME PROCEDE ET ARTICLE CONCU POUR LES COMMUNICATIONS TELEPHONIQUES PAR
RESEAU COMMUTE

Patent Applicant/Assignee:

MCI WORLDCOM INC,

Inventor(s):

ZEY David A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9847298 A2 19981022

Application: WO 98US7927 19980415 (PCT/WO US9807927)

Priority Application: US 97835789 19970415; US 97834320 19970415

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN

MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK

ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN

TD TG

Publication Language: English

Fulltext Word Count: 156638

Fulltext Availability:

Detailed Description

Detailed Description

... support load and

result in unhappy customers. The first approach is simple but
restrictive.

Most **users** are expected to be very cost conscious, and so might be
satisfied with approach one...

?

23/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00806382

METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF
MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A
MARKET SPACE INTERFACE

PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHÉ ENTRE UNE
PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION
D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHÉ

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 1400
Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139028 A2 20010531 (WO 0139028)

Application: WO 2000US32308 20001122 (PCT/WO US0032308)

Priority Application: US 99444773 19991122; US 99444798 19991122

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 170977

Fulltext Availability:

Detailed Description

Detailed Description

... information such as voice, high quality audio, and motion video.

Commercialization of voice, video and audio transmission makes it
desirable to be able to connect packets to multiple destinations, called
packet broadcasting...

?

27/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01392040

RADIO COMMUNICATION SYSTEM AND COMMUNICATION TERMINAL APPARATUS USED
THEREIN

FUNKKOMMUNIKATIONSSYSTEM UND KOMMUNIKATIONSSENDGERAT ZUR VERWENDUNG IN
DEMSELBEN

SYSTEME DE RADIOCOMMUNICATION ET APPAREIL TERMINAL DE COMMUNICATION UTILISE
DANS CE SYSTEME

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma,
Kadoma-shi, Osaka 571-8501, (JP), (Applicant designated States: all)

INVENTOR:

MIYA, Kazuyuki, 5-26-25, Kamiasao, Asao-ku, Kawasaki-shi, Kanagawa
215-0021, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1202473 A1 020502 (Basic)

WO 200195524 011213

APPLICATION (CC, No, Date): EP 2001934496 010601; WO 2001JP4651 010601

PRIORITY (CC, No, Date): JP 2000169442 000606

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04B-007/26

ABSTRACT WORD COUNT: 118

NOTE:

Figure number on first page: 6

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200218	475
SPEC A	(English)	200218	6139
Total word count - document A			6614
Total word count - document B			0
Total word count - documents A + B			6614

...SPECIFICATION speech service is accommodated in an FDD system.

When an FDD system has the same **radio** frequency band for the uplink
and downlink, it basically has approximately the same system capacity...

...case where many asymmetrical transmission channels with a large downlink
transmission volume and small uplink **transmission** volume are
accommodated, such as **Internet** connection or **music** distribution, for
example, the total up/downlink transmission volume is unbalanced, and
spectral efficiency is...

27/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00941845 **Image available**

CONCURRENT DUAL-BAND RECEIVER ARCHITECTURE

ARCHITECTURE POUR RECEPTEUR CONCURRENT A DOUBLE BANDE

Patent Applicant/Assignee:

CALIFORNIA INSTITUTE OF TECHNOLOGY, MC 201-85, 1200 East California
Boulevard, Pasadena, CA 91125, US, US (Residence), US (Nationality)
Inventor(s):
HAJIMIRI Seyed-Ali, 686 South Arroyo Parkway, #33, Pasadena, CA 91105, US
HASHEMI Seyed-Hosseini, 430 South Catalina Avenue, #203, Pasadena, CA
91106, US,
Legal Representative:
ROURK Christopher J (agent), Akin, Gump, Strauss, Hauer & Feld, L.L.P.,
P.O. Box 688, Dallas, TX 75313-0688, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200275942 A2-A3 20020926 (WO 0275942)
Application: WO 2001US49805 20011219 (PCT/WO US0149805)
Priority Application: US 2001275894 20010314
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 10364

Fulltext Availability:
Detailed Description

Detailed Description

... Increased bandwidth capacity is necessary for many wireless
applications to become a reality. Wireless broadband **Internet**
applications (e.g. browsing, e-commerce, **streaming audio** and video),
wireless video messaging, wireless video games, and remote video
monitoring are just a...

...applications that will be delivered over the next generations of
wireless networks. Conventional solid-state **radio** frequency ("RP or
"wireless") receiver architectures, such as superheterodyne and direct
conversion receivers, accomplish high...

27/3,K/3 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00938161

**METHOD AND APPRATUS FOR IDENTIFYING CUSTOMERS FOR DELIVERY OF PROMOTIONAL
MATERIALS**

**PROCEDE ET APPAREIL D'IDENTIFICATION DE CLIENTS POUR LA LIVRAISON DE
MESSAGES PROMOTIONNELS**

Patent Applicant/Inventor:

BERNSTEIN Robert, 91 Meadowview Drive, Northfield, IL 60093, US, US
(Residence), US (Nationality)

Legal Representative:

CHRISTENSEN Jon P (agent), Welsh & Katz, Ltd., 22nd floor, 120 South
Riverside Plaza, Chicago, IL 60606, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200271628 A2 20020912 (WO 0271628)
Application: WO 2002US3222 20020204 (PCT/WO US0203222)
Priority Application: US 2001777098 20010205

Designated States: AU CA JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 3197

Fulltext Availability:

Detailed Description

Detailed Description

... advertiser's ability to target a particular type of buyer. Further, the availability of **streaming audio** (or video) over the **Internet** virtually eliminate any regional limitations to **radio** or television broadcasting.

In addition, the use of the Internet for marketing has further increased...

27/3,K/4 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00911092 **Image available**

SYSTEM AND METHOD FOR PROCESSING AN AUDIO SIGNAL PRIOR TO ENCODING

SYSTEME ET PROCEDE PERMETTANT LE TRAITEMENT D'UN SIGNAL AUDIO AVANT LE CODAGE

Patent Applicant/Assignee:

DELFIN MEDIA GROUP INC, Suite 205, 5152 Broadway, San Antonio, TX 78209,
US, US (Residence), US (Nationality)

Inventor(s):

DELEON Roland H, 1342 W. Thompson, San Antonio, TX 78226, US,

Legal Representative:

SKALE Andrew D (et al) (agent), Brobeck, Phleger & Harrison, LLP, 12390
El Camino Real, San Diego, CA 92130, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200245280 A2 20020606 (WO 0245280)

Application: WO 2001US45360 20011130 (PCT/WO US0145360)

Priority Application: US 2000250275 20001130; US 2001858203 20010515

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10069

Fulltext Availability:

Detailed Description

Detailed Description

... still, such sound files still require data transfer rates of 64 kbps even for monophonic **sound** files, unfortunately greatly exceeding the **Internet** 's current data transfer rates.

Thus, **streaming** technologies were introduced as a welcome solution to the above problems. With streaming audio, for...

27/3,K/5 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00898535

ULTRA WIDE BANDWIDTH NOISE CANCELLATION MECHANISM AND METHOD
PROCEDE ET SYSTEME DE SUPPRESSION DE BRUIT DANS UN RECEPTEUR A TRES LARGE
BANDE

Patent Applicant/Assignee:

XTREMESPECTRUM INC, Suite 700, 8133 Leesburg Pike, Vienna, VA 22182, US,
US (Residence), US (Nationality)

Inventor(s):

MCCORKLE John W, 719 Upham Place NW, Vienna, VA 22180, US,

Legal Representative:

HAILS Robert L Jr (et al) (agent), Kenyon & Kenyon, Suite 700, 1500 K
Street, N.W., Washington, DC 20005, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200231988 A2 20020418 (WO 0231988)

Application: WO 2001US31587 20011010 (PCT/WO US0131587)

Priority Application: US 2000238466 20001010

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 16188

Fulltext Availability:

Detailed Description

Detailed Description

... use a UWB

radio to communicate with a residential gateway are digital video devices
210, **Internet** -enabled appliances 215, voice **transmission** devices 220,
audio

transmission devices 225, home automation and security devices 230, and
games 235. This list is...

27/3,K/6 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00891658

Image available

DISTRIBUTED MEDIA ON-DEMAND INFORMATION SERVICE
SERVICE DISTRIBUE D'INFORMATIONS A LA DEMANDE DE MEDIA

Patent Applicant/Assignee:

COMMAND AUDIO CORPORATION, 101 Redwood Shores Parkway, Suite 100, Redwood
City, CA 94065, US, US (Residence), US (Nationality)

Inventor(s):

WEGENER Albert W, 229 Corte Madera Road, Portola Valley, CA 94028, US,

LINDEN Thomas M, 20420 Idylwild Drive, Los Gatos, CA 95030, US,
SCHOELLERMAN John, 201 Hoffman, Apt. B, San Francisco, CA 94114, US,
LOEWENTHAL William J, 601 Alhambra Road, San Mateo, CA 94402, US,
BOGUE Donald F, 100 Clark Drive, San Mateo, CA 94402, US,

Legal Representative:

ALLENBY Christopher B (et al) (agent), Skjerven Morrill MacPherson LLP,
25 Metro Drive, Suite 700, San Jose, CA 95110, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200225827 A1 20020328 (WO 0225827)

Application: WO 2001US29279 20010918 (PCT/WO US0129279)

Priority Application: US 2000668045 20000921

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5746

Fulltext Availability:

Detailed Description

Detailed Description

... tele

information BeVocal(TM), queries or phone
systems Quack(TM) instructions (PSTN) or
cell phone

Streaming -1 TB RealNetworks(TM), Browser clicks **Internet**

audio broadcast.com, connection

Internet **radio** (ISP)

Audio/video-on-demand systems broadcast content (e.g.,
information and entertainment programs such...

27/3,K/7 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00803862 **Image available**

HIGHLY RELIABLE POWER LINE COMMUNICATIONS SYSTEM

SYSTEME DE COMMUNICATIONS A LIGNE DE TRANSPORT D'ENERGIE A GRANDE SURETE DE

FONCTIONNEMENT

Patent Applicant/Assignee:

INTERLOGIX INC, 12345 S.W. Leventon Drive, Tualatin, OR 97062-9938, US,
US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

MANSFIELD Amos R, 759 North 1890 West, Provo, UT 84601, US, US
(Residence), US (Nationality), (Designated only for: US)

MARMAN Dougal H, 3004 N.E. 160th, Ridgefield, WA 98642, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

ANGELLO Paul S (agent), Stoel Rives LLP, 900 S.W. Fifth Avenue, Suite
2600, Portland, OR 97204-1268, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200137438 A1 20010525 (WO 0137438)

Application: WO 2000US31499 20001115 (PCT/WO US0031499)

Priority Application: US 99165553 19991115
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 17793

Fulltext Availability:
Detailed Description

Detailed Description

... type of music is desired, whether to listen to the radio, or to
download new **music** from the **Internet** . The control units also **send**
volume, balance, and tone control commands to the amplifier modules in
the room.

Wireless headsets...

27/3,K/8 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00776491 **Image available**

ACOUSTIC COMMUNICATION SYSTEM

SYSTEME DE COMMUNICATION ACOUSTIQUE

Patent Applicant/Assignee:

SCIENTIFIC GENERICS LIMITED, Harston Mill, Harston, Cambridgeshire CB2
5NH, GB, GB (Residence), GB (Nationality), (For all designated states
except: US)

Patent Applicant/Inventor:

BARTLETT David, Scientific Generics Limited, Harston Mill, Harston,
Cambridgeshire CB2 5NH, GB, GB (Residence), GB (Nationality),
(Designated only for: US)

HOMMEL Scott, Scientific Generics Limited, Harston Mill, Harston,
Cambridgeshire CB2 5NH, GB, GB (Residence), US (Nationality),
(Designated only for: US)

REYNOLDS Michael, Scientific Generics Limited, Harston Mill, Harston,
Cambridgeshire CB2 5NH, GB, GB (Residence), GB (Nationality),
(Designated only for: US)

BUTLER David Alexander, Scientific Generics Limited, Harston Mill,
Harston, Cambridgeshire CB2 5NH, GB, GB (Residence), GB (Nationality),
(Designated only for: US)

KELLY Peter John, Scientific Generics Limited, Harston Mill, Harston,
Cambridgeshire CB2 5NH, GB, GB (Residence), GB (Nationality),
(Designated only for: US)

Legal Representative:

BERESFORD Keith Denis Lewis, Beresford & Co., 2-5 Warwick Court, High
Holborn, London WC1R 5DH, GB

Patent and Priority Information (Country, Number, Date):

Patent: WO 200110065 A1 20010208 (WO 0110065)

Application: WO 2000GB2961 20000731 (PCT/WO GB0002961)

Priority Application: GB 9917985 19990730

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 19961

Fulltext Availability:

Claims

Claim

... a wireless broadcast, a cable network or a recording medium. It is envisaged that the **transmission** over the **internet** of **audio** tracks encoded with data using the audio" communication techniques described hereinbefore will have many applications...

27/3,K/9 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00506914 **Image available**

INTELLIGENT RADIO

RADIO INTELLIGENTE

Patent Applicant/Assignee:

QURESHEY Safi,

QURESHEY Wasi,

Inventor(s):

QURESHEY Safi,

QURESHEY Wasi,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9938266 A1 19990729

Application: WO 99US1001 19990119 (PCT/WO US9901001)

Priority Application: US 9872127 19980122; US 9896703 19980612

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT

BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA

GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 9088

Fulltext Availability:

Detailed Description

Detailed Description

... often provided in connection with the World Wide Web (Web) and thus are often called **Web radio** broadcasts. With **streaming audio**, a user with a Personal Computer (PC), a sound card, and the necessary software can listen to audio programs from anywhere in the world. For example, **Radio** Prague provides daily Internet broadcasts from the Czech Republic. Listeners in the U.S. can listen to these **Web radio** broadcasts either in real time, or stored for later replay. Thus, unlike more traditional **radio** broadcasts where the listener must be within a reception area, **Web radio** broadcasts can be heard anywhere; so long as the listener has a connection to the...

...cannot use it for other purposes. Moreover, the use of a personal computer to receive **streaming audio** (e.g., **Web radio** broadcasts) requires a certain amount of computer literacy on the part of the user. The user must be able to install the **Web Radio** software, configure the **Web Radio** software to communicate with the ISP, and find the various **Web radio** broadcasts provided on the Web.

Summary of the Invention

Embodiments of the present invention solve...receiving digital data over a communications network, and embedded software adapted to connect to the **Web** and to decode **streaming audio**. The communications network may be telephone lines, cable TV lines, satellite communication systems, etc.

In...to a user by connecting a telephone or telephone handset to the intelligent radio. An **Internet** telephone connection, that provides **streaming audio**, is established between the intelligent **radio** and a remote unit such as an intelligent **radio**, computer, or telephone system. When the user speaks into the handset, the user's voice stations for the user.

Figure 6B illustrates a relationship between the **Web radio Web** site and other **web** sites that provide **streaming audio** programming.

Figure 7 is a perspective view of a tabletop intelligent radio tuner.

Figure 8...intelligent radio 100.

Figure 6B shows the conceptual relationship between the site 602 and other **Web** sites that supply **streaming audio** information, such as a site 630, a site 631, and a site 632. The Internet...

...selected site. In some embodiments, the site 602 provides the link information to the intelligent **radio** 100, and the intelligent **radio** 100 makes a "direct" connection to the selected site. In other embodiments, the site...

...reformats the data if desired, and then sends the streaming audio data to the intelligent **radio** 100.

...unit 900 that is connected to the communications network 230. The base unit 900 receives **streaming audio** from the **Web** and transmits the **audio** information to a remote playback unit 902.

The base unit 900 is similar in most...

...906 provides an audio output to the amplifier 222.

The base unit 900 receives the **streaming audio** information from the **Internet** 234 and uses a **transmission** carder to retransmit the **audio** information to one or more remote units 902. The transmitter 904 and the receiver 906 may use any form of communication for the transmission carrier, including **radio** frequency communication, infrared communication, ultrasonic communication, etc. In one embodiment, the transmitter 904 may be...

...broadcast bands, such that the remote playback unit 902 can be a standard FM transistor **radio** or a stereo receiver. In yet another embodiment, the transmitter 904 may be a low...

...broadcast bands, such that the remote playback unit 902 can be a

standard AM transistor **radio** or a stereo receiver.

In other embodiments, the base unit 900 may also include an...
?

File 344:Chinese Patents Abs Aug 1985-2003/Jan
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File 347:JAPIO Oct 1976-2002/Oct(Updated 030204)
(c) 2003 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2003/Feb W04
(c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20030227,UT=20030220
(c) 2003 WIPO/Univentio
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200315
(c) 2003 Thomson Derwent
? ds

Set	Items	Description
S1	161	AU=(HENDERSON, P? OR HENDERSON P?)
S2	0	S1 AND INTERNET()RADIO()RECEIVER?
S3	9	S1 AND INTERNET
S4	20	S1 AND RADIO
S5	17	S4 NOT S3
S6	0	S5 AND AM()FM

3/5,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00790953 **Image available**

DIGITAL SUBSCRIBER LINE/HOME PHONELINE NETWORK ROUTER
ROUTEUR RESEAU DE LIGNE D'ABONNE NUMERIQUE/RESEAU DOMESTIQUE DE LIGNES
TELEPHONIQUES

Patent Applicant/Assignee:

CONEXANT SYSTEMS INC, 4311 Jamboree Road, Newport Beach, CA 92660-3095,
US, US (Residence), US (Nationality)

Inventor(s):

PAI Prasan, 28441 Fieldbrook, Mission Viejo, CA 92692, US,
BURD Nick C, 20 Foxcrest, Irvine, CA 92620, US,
STRONG Kevin V, 1 Twin Branch, Irvine, CA 92620, US,
HENDERSON P Michael, 12450 Butler Way, Tustin, CA 92782, US

Legal Representative:

CLONTS David R (et al) (agent), Akin, Gump, Strauss, Hauer & Feld,
L.L.P., 1900 Pennzoil Place - South Tower, 711 Louisiana, Houston, TX
77002, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200124480 A2 20010405 (WO 0124480)
Application: WO 2000US25291 20000915 (PCT/WO US0025291)
Priority Application: US 99408639 19990930

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04M

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 2772

English Abstract

A digital subscriber line (DSL)/home phoneline network router provides DSL connectivity and home networking support. The router provides a single phoneline connection (RJ-11 jack) to access either the **Internet** or a home phoneline network. In terms of hardware, the router may include a central processing unit, a DSL modem, and a home phoneline networking device (media access controller and home phoneline networking physical interface). In terms of software, the router may include a DSL driver, a local area network (LAN) driver, a media access controller driver, network routing stacks and a real time operating system.

French Abstract

L'invention concerne un routeur reseau de ligne d'abonne numerique (DSL)/reseau domestique de lignes telephoniques permettant une connectivite DSL et un support de reseau domestique. Ce routeur utilise une connexion telephonique simple (connecteur RJ-11) permettant d'accéder, soit a l' **Internet**, soit a un reseau telephonique domestique. En termes de materiel, ce routeur peut comprendre une unite centrale, un modem DSL, et un dispositif de reseau domestique de ligne telephonique (contrôleur d'accès et interface physique de reseau domestique de ligne telephonique). En termes de logiciel, le routeur peut comprendre un

pilote DSL, un pilote de reseau local (RLE), un pilote de controleur d'accès, des blocs d'acheminement de reseau et un systeme d'exploitation en temps reel.

Legal Status (Type, Date, Text)

Publication 20010405 A2 Without international search report and to be republished upon receipt of that report.

Examination 20011018 Request for preliminary examination prior to end of 19th month from priority date

Inventor(s):

... **HENDERSON P Michael**

Fulltext Availability:

Detailed Description

English Abstract

...support. The router provides a single phoneline connection (RJ-11 jack) to access either the **Internet** or a home phoneline network. In terms of hardware, the router may include a central...

French Abstract

...routeur utilise une connexion telefonique simple (connecteur RJ-11) permettant d'accéder, soit a l' **Internet** , soit a un reseau telefonique domestique. En termes de materiel, ce routeur peut comprendre une...

Detailed Description

... router provides a single phone line connection (RJ- I I jack) to access either the **Internet** or a home phoneline network. In terms of hardware, the router may include a central...SNMP (Simple Network Management Protocol), a security module 214 to support a firewall and IP (**Internet** Protocol) source and destination filtering, OSI (Open System Interconnection) layers 5 and 6 (session and...OMbps home phoneline network effectively compliant with the standards of the Home PhoneliDe Networking Alliance. **Internet** access and other services for the client PCs 406 are accornplishr.-d through the router R. The clients PCs 406 may connect to the **Internet** or a remote LAN. In addition, the client PCs 406 can utilize the web server...

3/5,K/2 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00500577 **Image available**

CABLE MODEM OPTIMIZED FOR HIGH-SPEED DATA TRANSMISSION FROM THE HOME TO THE CABLE HEAD

MODEM DE CABLE OPTIMISE POUR TRANSMISSION DE DONNEES A GRANDE VITESSE DU DOMICILE A LA TETE DE CABLE

Patent Applicant/Assignee:

CONEXANT SYSTEMS INC,

Inventor(s):

HENDERSON P Michael

Patent and Priority Information (Country, Number, Date):

Patent: WO 9931929 A1 19990624

Application: WO 98US26356 19981210 (PCT/WO US9826356)

Priority Application: US 97990279 19971215

Designated States: CA JP NO AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: H04Q-011/04

Publication Language: English

Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 3462

English Abstract

A cable modem provides upstream data signals in a cable system on a return channel. The upstream data signals are provided in a 50-550 MHz frequency range and yet do not affect the picture quality associated with conventional cable television signals. The data is provided on vestigial sidebands associated with the cable television signals or during black periods associated with the cable television signals. The data can be modulated in accordance with quadrature amplitude modulation (QAM) techniques.

French Abstract

L'invention concerne un modem de cable emettant des signaux de donnees en amont dans un canal de retour d'un systeme par cable. Les signaux de donnees en amont sont emis dans une gamme de frequences de 50 a 550 MHz et n'influent pas sur la qualite de l'image associee aux signaux de television par cable. Les donnees sont emises sur des bandes laterales residuelles associees aux signaux de television par cable ou pendant des periodes de signal de noir associees aux signaux de television par cable. Les donnees peuvent etre modulees selon les techniques de modulation d'amplitude en quadrature (QAM).

Inventor(s):

HENDERSON P Michael ...

Fulltext Availability:
Detailed Description

Detailed Description

... data associated with video signals, large programs, documents, or other applications. For example, in most **internet** applications, larger amounts of data are requested by the residential user than by the **internet** source. Further, in pay-per-view movie applications, the return channel is utilized to transmit...movies, or other

4

information. For example, ATM network 30 can be coupled to the **internet** or worldwide web via cable 20 and cable 1 6.

With reference to FIGURES 1...

3/5,K/3 (Item 3 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00497745 **Image available**

CONSTANT ENVELOPE MODULATION FOR SPLITTERLESS DSL TRANSMISSION
MODULATION PERMANENTE D'ENVELOPPE DESTINEE A LA TRANSMISSION DSL (BOUCLE
D'ABONNES NUMERIQUE) SANS DECOUPEUR

Patent Applicant/Assignee:

ROCKWELL SEMICONDUCTOR SYSTEMS INC,

Inventor(s):

ANDERTON David O,
ELDUMIATI Ishmail I,
GRONEMEYER Steven A,
HARMER Don L,
HENDERSON P Michael ,
KO Kenneth D,

PESHKIN Joel D,
RAHAMIM Raphael,
STUBBE Frederic M,
WALLEY John S,
WALLEY Kenneth S,
WAN Yongbing,
ZURANSKI Edward S,
HAQUE Jamal,
YANG Ganning

Patent and Priority Information (Country, Number, Date):

Patent: WO 9929097 A1 19990610

Application: WO 98US25259 19981125 (PCT/WO US9825259)

Priority Application: US 97982400 19971202

Designated States: JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: H04M-011/06

International Patent Class: H04L-005/06; H04L-027/26

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7379

English Abstract

A digital subscriber line (DSL) communication system that utilizes the high frequency band of a standard telephone line does not require the use of a plain old telephone service (POTS) splitter in the resident's home, which provided isolation between the POTS frequency band (0 to 4 kHz) and the DSL frequency band. Digital signal processing techniques are utilized to adapt to varying subscriber line conditions due to POTS telephone equipment. The digital signal processing techniques eliminate the need for a splitter by reducing susceptibility to distortion due to varying subscriber line characteristics. The digital subscriber line modem utilizes constant envelope modulated signals and frequency division multiplexing, where the constant envelope modulations lessens the intermodulation distortion products due to DSL signals that are transmitted by the modem and which may result in audible noise at the POTS telephone equipment due to non-linearities of the POTS telephone equipment.

French Abstract

Selon cette invention, un systeme de communication a boucle d'abonnes numerique (DSL) utilisant la bande hautes frequences d'une ligne telefonique standard ne necessite pas l'utilisation au domicile d'abonne d'un decoupeur faisant partie des services telefoniques traditionnels (POTS), qui assurait l'isolation de la bande de frequences POTS (entre 0 et 4 kHz) par rapport a la bande de frequences DSL. On utilise des techniques de traitement numerique des signaux pour s'adapter aux conditions de la boucle d'abonnes, qui peuvent varier en fonction de l'equipement telefonique POTS. Ces techniques de traitement numerique des signaux rendent superflu le decoupeur car elles permettent de reduire la susceptibilite aux distorsions due aux variations des caracteristiques de la boucle d'abonnes. Le modem de la boucle d'abonnes utilise des signaux a modulation permanente d'enveloppe et le multiplexage par repartition en frequence, les modulations permanentes d'enveloppe diminuant les effets de distorsion d'intermodulation dus aux signaux DSL transmis par modem et pouvant provoquer des bruits audibles dans l'equipement telefonique POTS, et ce en raison des non-linearites de l'equipement telefonique POTS.

Inventor(s):

... HENDERSON P Michael

Fulltext Availability:
Detailed Description

Detailed Description

... communication
system utilizing constant envelope modulation.

Description of the Related Art

Explosive growth of the **internet** and the WO 99/29097 PCTIUS98/25259

-2

The need for high-speed access to...

...information, data,
programs, entertainment, and other computer applications on
the worldwide web and the **internet**. For example, designers
of web technology are constantly developing new ways to
provide sensory experiences...

...and receive information on POTS subscriber
lines through the public switched telephone network (PSTN) .

The **internet** access provider is also coupled to the PSTN
and transmits and receives information through the...

...modems are capable of providing 256 Kbps or higher
access between the home and the **internet** .

A variety of communication technologies are
competing to provide high-speed access to the home...less than
originally expected, telephone companies have recognized
the potential application of DSL technology for **internet**
access and have begun limited offerings.

DSL technology allows telephone companies to
offer high-speed **internet** access and also allows telephone
companies to remove **internet** traffic from the telephone
switch network. Telephone companies cannot significantly
profit from **internet** traffic within the telephone switch
network due to regulatory considerations. In contrast, the
telephone company...

...network. The data network

-4

can be coupled to other networks (not shown) , including the
internet .

At least one analog telephone 26, located in
residence 22, can be coupled to subscriber...within residence 22, and
lower-speed
transmissions are received by central office 32. In most
internet applications, larger amounts of data are requested
by the residential user rather than by the **internet** source.

Receivers are typically much more complex than
transmitters. These high-speed receivers often receive...

00497744 **Image available**

MODULATION SWITCHING FOR DSL SIGNAL TRANSMISSION

**COMMUTATION PAR MODULATION DESTINEE A LA TRANSMISSION DE SIGNAUX DANS DSL
(BOUCLE D'ABONNES NUMERIQUE)**

Patent Applicant/Assignee:

ROCKWELL SEMICONDUCTOR SYSTEMS INC,

Inventor(s):

ANDERTON David O,

ELDUMIATI Ishmail I,

GRONEMEYER Steven A,

HARMER Don L,

HENDERSON P Michael ,

KO Kenneth D,

PESHKIN Joel D,

RAHAMIM Raphael,

STUBBE Frederic M,

WALLEY John S,

WALLEY Kenneth S,

WAN Yongbing,

ZURANSKI Edward S,

HAQUE Jamal,

YANG Ganning

Patent and Priority Information (Country, Number, Date):

Patent: WO 9929096 A1 19990610

Application: WO 98US25237 19981125 (PCT/WO US9825237)

Priority Application: US 97982421 19971202

Designated States: JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: H04M-011/06

International Patent Class: H04L-001/12; H04L-027/00; H04L-005/06

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8399

English Abstract

A digital subscriber line (DSL) communication system that utilizes the high frequency band of a standard telephone line does not require the user of a plain old telephone service (POTS) splitter in the resident's home, which provided isolation between the POTS frequency band (0 to 4 kHz) and the DSL frequency band. A digital subscriber line modem utilizes either constant envelope modulation or quadrature amplitude modulation for outputting DSL signals upstream to a central office. When a telephone in the resident's home is detected as being off-hook, then the constant envelope modulation is used by the DSL modem in order to lessen the intermodulation product distortion that results in audible noise heard by a user of the telephone. When the telephone is on-hook, then another type of modulation, such as QAM, is used to maximize the upstream data rate capability in the DSL frequency band, since any noise generated by the QAM is not a problem due to the non-use of the POTS frequency band.

French Abstract

Selon cette invention, un systeme de communication a boucle d'abonnes numerique (DSL) utilisant la bande hautes frequences d'une ligne telephonique standard ne necessite pas l'utilisation au domicile d'abonne d'un decoupeur faisant partie des services telephoniques traditionnels (POTS), qui assurait l'isolation de la bande de frequences POTS (entre 0 et 4 kHz) par rapport a la bande de frequences DSL. Pour emettre en amont des signaux DSL a destination d'un central, un modem de la boucle d'abonnes numerique utilise soit la modulation permanente d'enveloppe,

soit la modulation d'amplitude en quadrature. Lorsque l'on detecte que le telephone au domicile de l'abonne est décroche, le modem DSL utilise la modulation permanente d'enveloppe afin de diminuer les effets de distorsion d'intermodulation provoquant des bruits qui peuvent etre entendus par l'utilisateur du telephone. Lorsque le telephone est raccroche, on utilise un autre type de modulation tel que la modulation d'amplitude en quadrature, et ce pour augmenter au maximum les capacites en matiere de taux de donnees en amont dans la bande de frequences DSL; de cette maniere, tout bruit genere par modulation d'amplitude en quadrature ne pose aucun probleme car on n'utilise pas l'equipement telephonique POTS.

Inventor(s):

... **HENDERSON P Michael**

Fulltext Availability:

Detailed Description

Detailed Description

... switching in
response to telephone status.

Description of the Related Art

Explosive growth of the **internet** and the WO 99/29096 PCT/US98/25237

-2

The need for high-speed access...

...of information, data,
programs, entertainment, and other computer applications on
the worldwide web and the **internet** . For example, designers
of web technology are constantly developing new ways to
provide sensory experiences...

...and receive information on POTS subscriber
lines through the public switched telephone network (PSTN) .

The **internet** access provider is also coupled to the PSTN
and transmits and receives information through the...

...modems are capable of providing 256 Kbps or higher
access between the home and the **internet** .

A variety of communication technologies are
competing to provide high-speed access to the home...less than
originally expected, telephone companies have recognized
the potential application of ADSL technology for **internet**
access and have begun limited offerings.

DSL technology allows telephone companies to
offer high-speed **internet** access and also allows telephone
companies to remove **internet** traffic from the telephone
switch network. Telephone companies cannot significantly
profit from **internet** traffic within the telephone switch
network due to regulatory considerations. In contrast, the
telephone company...

...network. The data network

-4

can be coupled to other networks (not shown) , including the
internet .

At least one analog telephone 26, located in residence 22, can be coupled to subscriber...within residence 22, and lower-speed transmissions are received by central office 32. In most **internet** applications, larger amounts of data are requested by the residential user rather than by the **internet** source.

Receivers are typically much more complex than transmitters. These high-speed receivers often receive...

3/5,K/5 (Item 5 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00487349 **Image available**

SPLITTERLESS DIGITAL SUBSCRIBER LINE COMMUNICATION SYSTEM
SYSTEME DE COMMUNICATIONS DE LIGNES NUMERIQUES D'ABONNES SANS DIVISEUR

Patent Applicant/Assignee:

ROCKWELL SEMICONDUCTOR SYSTEMS INC,

Inventor(s):

HENDERSON P Michael ,
KO Kenneth D,
ZURANSKI Edward S,
HAQUE Jamal,
PATRAVALI Shrenik P,
RODRIGUEZ Manuel I,
SOUDERS Keith A,
TZOURIS Anthony A

Patent and Priority Information (Country, Number, Date):

Patent: WO 9918701 A1 19990415

Application: WO 98US12735 19980618 (PCT/WO US9812735)

Priority Application: US 97943484 19971003

Designated States: CN JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT
SE

Main International Patent Class: H04L-027/00

International Patent Class: H04M-011/06; H04L-001/12

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8399

English Abstract

A digital subscriber line communication system does not require the use of a plain old telephone service (POTS) splitter in the resident's home. Digital signal processing techniques are utilized to adapt to varying subscriber line conditions due to POTS telephone equipment. The digital signal processing techniques eliminate the need for a splitter by reducing susceptibility to distortion due to varying subscriber line characteristics. The digital subscriber line modem utilizes quadrature amplitude modulated (QAM) signals and frequency division multiplexing. The digital subscriber line modem includes a control circuit which includes a rapid retrain circuit. The rapid retrain circuit can retrain the digital subscriber line modem in less than 0.5 seconds.

French Abstract

La presente invention concerne un systeme de communication de lignes numeriques d'abonnes sans diviseur, qui ne requiert pas l'utilisation d'un diviseur de service telephonique traditionnel (POTS) au domicile de l'utilisateur. On utilise des techniques de traitement de signal

numerique de maniere a s'adapter aux differentes conditions de lignes d'abonnes utilisant un equipement telephonique POTS. Ces techniques de traitement de signal numerique ne requierent pas de diviseur du fait qu'elles reduisent la sensibilite a une distorsion provoquee par les differentes caracteristiques de la ligne de l'abonne. Le modem de la ligne numerique de l'abonne utilise des signaux a modulation d'amplitude en quadrature (QAM) et un multiplexage de division de frequence. Le modem de la ligne numerique de l'abonne comprend un circuit de commande qui comprend lui-meme un circuit de recyclage rapide. Ce circuit de recyclage rapide peut recycler le modem de la ligne numerique de l'abonne en moins de 0,5 secondes.

Inventor(s):

HENDERSON P Michael ...

Fulltext Availability:

Detailed Description

Detailed Description

- ... relates to a digital subscriber line modem,
BACKGROUND OF THE INVENTION
Explosive growth of the **internet** and the WO 99/18701 PCTIUS98/12735
2
Missing at the time of publication
Although...
- ...transmit and receive information on POTS
subscriber lines through the public switched telephone
network, The **internet** access provider is also coupled to
the switched telephone network and transmits and receives
information...
- ...modems are capable of providing 256 Kbps or higher
access between the home and the **internet** , Over one
megabit per second (Mbps) data rates with analog modems
or ISDN equipment do...
- ...less than originally expected, telephone companies
have recognized the potential application of ADSL
technology for **internet** access and have begun limited
offerings.

ADSL technology allows telephone companies to
offer high-speed **internet** access and also allows
telephone companies to remove **internet** traffic from the
telephone switch network. Telephone companies cannot
significantly profit from **internet** traffic in the
telephone switch network due to regulatory
considerations, In contrast, the telephone company...data
network. The data network can be coupled to other
networks (not shown), including the **internet** .

At least one analog telephone 26, located in
residence 22, can be coupled to subscriber...within residence 22, and
lower-speed
transmissions are received by central office 32. In most
internet applications, larger amounts of data are
requested by the residential user rather than by the
internet source. Receivers are typically much more
complex than transmitters, These high-speed receivers
often receive...can be sent and analyzed during
the time the user is awaiting communications from the

Internet , Further, a separate control channel can be utilized to send control information necessary to characterize...

3/5,K/6 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00485861 **Image available**

**UNIVERSAL INTER-DEVICE DATA TRANSFER USING RADIO FREQUENCY COMMUNICATION
TRANSFERT DE DONNEES INTER-DISPOSITIF UNIVERSEL UTILISANT DES LIAISONS A
FREQUENCES RADIOELECTRIQUES**

Patent Applicant/Assignee:

ROCKWELL SEMICONDUCTOR SYSTEMS INC,

Inventor(s):

WHITE Stanley A,

WALLEY Kenneth S,

JOHNSTON James W,

HENDERSON P Michael ,

HALE Kelly H,

ANDREWS Warner B Jr,

SIANN Jonathan I

Patent and Priority Information (Country, Number, Date):

Patent: WO 9917213 A1 19990408

Application: WO 98US20540 19980930 (PCT/WO US9820540)

Priority Application: US 97940046 19970930

Designated States: CA JP NO AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
PT SE

Main International Patent Class: G06F-013/38

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6109

English Abstract

A system for communicating information among a plurality of electronic devices using a plurality of radio frequency communication channels is described. The system includes a plurality of electronic appliances or devices. Each electronic device includes one or more receiver ports, and one or more transmitter ports. Each receiver port includes a radio receiver for receiving information communicated on an RF communication channel. Each transmitter port includes a radio transmitter for transmitting information on any of two or more RF communication channels to other of the appliances in the system. In particular embodiments, each receiver port in the system is tuned to a unique RF communication channel. Each transmitter port of each device in the system may be tuned to any of the unique RF communication channels to which the receiver ports of the other devices in the system are tuned. Each RF communication channel may be an RF carrier modulated at a predetermined modulation frequency, or a spread spectrum RF signal encoded with a predetermined code.

French Abstract

L'invention concerne un systeme permettant d'echanger une information entre une pluralite de dispositifs electroniques par l'utilisation d'une pluralite de canaux radioelectriques. Ce systeme comprend une pluralite d'appareils ou de dispositifs electroniques. Chaque dispositif electronique comprend un ou plusieurs ports recepteurs et un ou plusieurs ports emetteurs. Chaque port recepteur comprend un recepteur radio qui

peut recevoir l'information communiquee sur un canal de liaison R.F. Chaque port emetteur comprend un emetteur radio permettant d'emettre l'information sur n'importe lequel d'au moins deux canaux de liaison a destination des autres appareils du systeme. Dans des versions particulieres, chaque port recepteur du systeme est regle sur un canal R.F. unique. Chaque port emetteur de chaque dispositif du systeme peut etre regle sur n'importe lequel de ces canal de liaison R.F. uniques sur lequel les ports recepteurs des autres dispositifs du systeme sont regles. Chaque canal de liaison R.F. peut etre une porteuse R.F. modulee sur une frequence de modulation predeterminee, ou un signal R.F. a etalement de spectre code a l'aide d'un code predetermine.

Inventor(s):

... **HENDERSON P Michael**

Fulltext Availability:

Detailed Description

Detailed Description

... may be useful in such applications as using a large television display while exploring the **internet** .

Radio frequency communication between the various devices or appliances in a particular system eliminates the...

3/5,K/7 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013923661 **Image available**
WPI Acc No: 2001-407874/200143
XRPX Acc No: N01-301802

Digital subscriber line/home phoneline network router has home phoneline networking interface which is coupled to media access controller which inturn is coupled to central processing unit

Patent Assignee: CONEXANT SYSTEMS INC (CONE-N)

Inventor: BURD N C; **HENDERSON P M** ; PAI P; STRONG K V

Number of Countries: 093 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200124480	A2	20010405	WO 2000US25291	A	20000915	200143 B
AU 200075821	A	20010430	AU 200075821	A	20000915	200143
KR 2002047194	A	20020621	KR 2002704122	A	20020329	200280

Priority Applications (No Type Date): US 99408639 A 19990930

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200124480 A2 E 15 H04M-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200075821 A H04M-000/00 Based on patent WO 200124480

KR 2002047194 A H04L-012/28

Abstract (Basic): WO 200124480 A2

NOVELTY - Digital subscriber line/home phoneline network router contains a digital subscriber line, and media access controller coupled to central processing unit. A home phoneline networking interface is

coupled to the media access controller.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Home phoneline network environment;

(b) Home phoneline network high speed access routing device

USE - For providing access to **Internet**, home phoneline network comprising PC, home gateway computers, cable modems, DSL modems, digital set-top boxes, digital television, digital radio, digital camera and digital telephone.

ADVANTAGE - Provides digital subscriber line (DSL) connectivity and home networking support. Supports both home networking layer functionality and Ethernet layer functionality.

DESCRIPTION OF DRAWING(S) - The figure shows the home network environment including digital subscriber line/home phoneline network router.

pp; 15 DwgNo 4/4

Title Terms: DIGITAL; SUBSCRIBER; LINE; HOME; NETWORK; ROUTER; HOME; INTERFACE; COUPLE; MEDIUM; ACCESS; CONTROL; COUPLE; CENTRAL; PROCESS; UNIT

Derwent Class: T01; W01

International Patent Class (Main): H04L-012/28; H04M-000/00

File Segment: EPI

...Inventor: **HENDERSON P M**

Abstract (Basic):

... For providing access to **Internet**, home phoneline network comprising PC, home gateway computers, cable modems, DSL modems, digital set-top...

3/5,K/8 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012827297 **Image available**

WPI Acc No: 1999-633529/199954

XRPX Acc No: N99-467824

Asynchronous row level protocol processor for allocating processing tasks in computer network such as internet

Patent Assignee: PARADYNE CORP (PDYN)

Inventor: ALEXANDER J S; CHAPMAN J Q; **HENDERSON P M** ; THOENES E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5983271	A	19991109	US 97796670	A	19970206	199954 B

Priority Applications (No Type Date): US 97796670 A 19970206

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5983271	A	9	G06F-013/00	

Abstract (Basic): US 5983271 A

NOVELTY - A personal computer (21) is connected to communication network (20) through modem (22). The processing unit of modem, performs portion of point-to-point protocol processing. The processing unit performs framing and unframing, shielding and unshielding of characters and frame check sequence generation and checking.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method for providing point-to-point communication.

USE - For allocating processing tasks between communication device

processor and end point device processor in communication network such as **internet** .

ADVANTAGE - Lower row protocols other than point-to-point protocols can be processed by the processor of communication device to off load some of the processing tasks from the host processor, thereby increasing throughput.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of computer network system.

Network (20)

Personal computer (21)

Modem (22)

pp; 9 DwgNo 2/5

Title Terms: ASYNCHRONOUS; ROW; LEVEL; PROTOCOL; PROCESSOR; ALLOCATE; PROCESS; TASK; COMPUTER; NETWORK

Derwent Class: T01

International Patent Class (Main): G06F-013/00

File Segment: EPI

Asynchronous row level protocol processor for allocating processing tasks in computer network such as internet

...Inventor: **HENDERSON P M**

Abstract (Basic):

... tasks between communication device processor and end point device processor in communication network such as **internet** .

3/5,K/9 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012565112 **Image available**

WPI Acc No: 1999-371218/199931

XRPX Acc No: N99-276775

Modem directly coupled to digital subscriber line, without band splitter, using modulation scheme

Patent Assignee: CONEXANT SYSTEMS INC (CONE-N); ROCKWELL SEMICONDUCTOR SYSTEMS INC (ROCW)

Inventor: ANDERTON D O; ELDUMIATI I I; GRONEMEYER S A; HAQUE J; HARMER D L;

HENDERSON P M ; KO K D; PATRAVALI S P; PESHKIN J D; RAHAMIM R; STUBBE F

M; TZOURIS A A; WALLEY J S; WALLEY K S; WAN Y; YANG G; ZURANSKI E S

Number of Countries: 020 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9929097	A1	19990610	WO 98US25259	A	19981125	199931 B
US 6212227	B1	20010403	US 97982400	A	19971202	200120

Priority Applications (No Type Date): US 97982400 A 19971202

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
-----------	------	--------	----------	--------------

WO 9929097	A1	E 37	H04M-011/06	
------------	----	------	-------------	--

Designated States (National): JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE

US 6212227	B1		H04B-001/38
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Abstract (Basic): WO 9929097 A1

NOVELTY - Modem directly coupled to subscriber line, sends upstream digital data signals encoded in high frequency band, simultaneously with a low frequency voice band, using binary to Pulse Amplitude

Modulator (PAM) (520, 530) in I and Q channels (505, 510) prior to multiplying (550) each by full rectified sinusoidal waveform and adding (580), after shifting, to obtain constant envelope modulation.

DETAILED DESCRIPTION - An independent claim is included for method for providing simultaneous communication. Eight samples per symbol are used as an index to look-up table to generate sinusoidal waveform.

USE - High speed access of information from worldwide web and internet .

ADVANTAGE - No band splitter used at subscriber house or residence. Simultaneous noise free data and/or voice communications. Maximises data rate over plain old telephone system (POTS). Non-linearities have minimal effect on voice and/or data transmission over POTS. Lessens intermodulation distortion products.

DESCRIPTION OF DRAWING(S) - The drawing shows block diagram of modulation circuit.

I and Q digital channels (505, 510)
pulse amplitude modulators (520, 530)
multiplier (550)
adder (580)
pp; 37 DwgNo 4/9

Title Terms: MODEM; COUPLE; DIGITAL; SUBSCRIBER; LINE; BAND; SPLIT;
MODULATE; SCHEME

Derwent Class: W01

International Patent Class (Main): H04B-001/38; H04M-011/06

International Patent Class (Additional): H04L-005/06; H04L-027/26

File Segment: EPI

...Inventor: HENDERSON P M

Abstract (Basic):

... High speed access of information from worldwide web and internet .

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File 2:INSPEC 1969-2003/Feb W4
(c) 2003 Institution of Electrical Engineers
File 6:NTIS 1964-2003/Mar W1
(c) 2003 NTIS, Intl Cpyrght All Rights Res
File 8:Ei Compendex(R) 1970-2003/Feb W4
(c) 2003 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2003/Feb W4
(c) 2003 Inst for Sci Info
File 35:Dissertation Abs Online 1861-2003/Feb
(c) 2003 ProQuest Info&Learning
File 65:Inside Conferences 1993-2003/Mar W1
(c) 2003 BLDSC all rts. reserv.
File 94:JICST-EPlus 1985-2003/Mar W1
(c)2003 Japan Science and Tech Corp(JST)
File 95:TEME-Technology & Management 1989-2003/Feb W3
(c) 2003 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Jan
(c) 2003 The HW Wilson Co.
File 144:Pascal 1973-2003/Feb W4
(c) 2003 INIST/CNRS
File 233:Internet & Personal Comp. Abs. 1981-2003/Feb
(c) 2003 Info. Today Inc.
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
(c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2003/Mar 03
(c) 2003 ProQuest Info&Learning

? ds

Set	Items	Description
S1	470700	LOCAL()AREA OR LAN OR INTERNET
S2	54174	S1 AND (TRANSMITTER? OR TRANSMIS? OR SEND????? OR STREAM?)
S3	7583	S2 AND (MUSIC OR SOUND? OR AUDIO OR PROGRAM??)
S4	53355	(RADIO OR STEREO) AND (TUNER OR RECEIVER?)
S5	62232	AM()FM OR (AMPLITUDE OR FREQUENCY)()MODULATION
S6	237	(88 OR EIGHT()EIGHT)() (MEGAHERTZ OR MHZ) OR 88MHZ
S7	37	(540 OR FIVE()HUNDRED()FORTY)() (KHZ OR KILOHERTZ)
S8	1	(S6 OR S7) AND (WAVEBAND?? OR WAVE()BAND?)
S9	90490	DIAL OR CHANNEL(3N) (STATION OR SELECTION OR DESIGNATION) OR RADIO()FREQUENC?
S10	8771	S9 AND (USER OR INDIVIDUAL?? OR PERSONS OR SUBSCRIBERS OR - CUSTOMERS OR USERS OR BUYERS)
S11	712	S10 AND (SPECIFIED OR SELECTED OR CHOOS? OR CHOICE?)
S12	48180	(CONVERT? OR CONVERS? OR CHANG? OR TRANSFORM?) AND DIGITAL AND ANALOG
S13	1112628	WIRELESS OR IR OR INFRARED
S14	3729	S3 AND COMPUTER?
S15	468235	(PLAY? OR BROADCAST?) AND (OVER OR THROUGH OR USING OR VIA)
S16	13	S14 AND S15 AND (S4 OR S5 OR S6 OR S7 OR S11)
S17	0	S16 AND S12 AND S13
S18	4	S16 AND (S12 OR S13)
S19	4	RD S18 (unique items)
S20	55	KIMA
S21	3	S20 AND RADIO
S22	1	S21 NOT S16
S23	0	S14 AND S15 AND RADIO AND ANALOG
S24	2	S12 AND S14 AND (RADIO OR STEREO)
S25	2	S24 NOT (S21 OR S16)

S26 -2 RD S25 (unique items)

19/3,K/1 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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05124389 JICST ACCESSION NUMBER: 02A0086228 FILE SEGMENT: JICST-E

Smart Link -ANSS700- AV Digital Wireless Transmission System.

SUGINO MICHİYUKI (1); MIYAKE MAKOTO (1); TAKAHASHI HIDEO (1); KITAGAWA JUN (2); UEDA TOORU (3); TOMARU TOMONOBU (3); MARUYAMA KAZUHITO (3);

KAWAUCHI HARUHIKO (3); IMAI TAKAHIRO (4)

(1) Shapu Avshisutemujigyohombu; (2) Shapu Denshibuhinjigyohombu; (3) Shapu Shisutemukaise; (4) Sharp Corp.

Shapu Giho(Sharp Technical Journal), 2001, NO.81, PAGE.59-63, FIG.7, TBL.1

JOURNAL NUMBER: G0524AAD ISSN NO: 0285-0362 CODEN: STEJD

UNIVERSAL DECIMAL CLASSIFICATION: 621.396

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

Smart Link -ANSS700- AV Digital Wireless Transmission System.

ABSTRACT: We have commercialized the **Wireless Digital AV Transmission System "Smart Link"**, users can enjoy TV **programs** in a room without an antenna jack and contents away from their sources, such as a VCR, a BS **Tuner**, a CS **tuner**, and a DVD **player**. In order to transmit images with low noise and high quality **through** walls and obstacles to other rooms in the house, "Smart Link" uses 2.4GHz **radio** frequency and the physical layer based on IEEE 802.11b standard and for media access...

DESCRIPTORS: **radio transmission** ; ...

... **wireless LAN** ; ...

...television **receiver** ;

...BROADER DESCRIPTORS: **LAN** ; ...

... **computer network**...

... **receiver** ;

19/3,K/2 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2003 Info. Today Inc. All rts. reserv.

00627152 01MW04-002

No strings attached

Honan, Mathew

Macworld, April 1, 2001, v18 n4 p23, 1 Page(s)

ISSN: 0741-8647

Company Name: Macally; Apple **Computer**; MacSense; Akoo

URL: <http://www.macally.com> <http://www.apple.com> <http://www.macsense.com> <http://www.akoo.com>

Product Name: iWebKey; Airport Base Station and Card; Aeromouse; Kima

Company Name: Macally; Apple **Computer**; MacSense; Akoo

Presents a buyers' guide to **wireless** products that allow the user to build the perfect **wireless** computing system for less than \$600. Discusses four products from four companies. **Wireless** products discussed, include the iWebKey (\$100) from Macally (626), a keyboard that uses **infrared** to transmit **via** USB; the Airport Base Station and Card (\$299) from Apple **Computer** (800), network technology that allows you to connect to the

Internet from as far away as 150 feet; the Aeromouse (\$59) from MacSense (800), a mouse that transmits at 90MHz **radio** frequency 16 feet to a **receiver** attached to the **computer**; and the Kima (\$150) from Akoo (708), **transmitters** that **send** an FM signal from the **computer** that allows **play** of MP3 or Web **radio** stations on the user's **stereo**. Includes one photo. (bjp)

Descriptors: **Wireless** Communication; Hardware; Keyboard; Networks; Mouse; **Music**

Identifiers: iWebKey; Airport Base Station and Card; Aeromouse; Kima; Macally; Apple **Computer**; MacSense; Akoo

19/3,K/3 (Item 1 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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06233991 SUPPLIER NUMBER: 64840585

THE COOLEST STUFF IN THE UNIVERSE; HOLDIAY GIFT GUIDE; Slam-Dunk Gifts

Anonymous

Los Angeles Times, p T1

Nov 30, 2000

ISSN: 0458-3035

NEWSPAPER CODE: ANGE

; Newspaper article

LANGUAGE: English

RECORD TYPE: ABSTRACT

ABSTRACT: The **Internet** is becoming the world's greatest source of **audio** entertainment, whether it be songs, **radio broadcasts** or narrated books. Too bad the Net isn't connected to your home **stereo**. Akoo.com's Kima, a nifty pair of **wireless** gadgets, is a good--and relatively affordable--way to bridge that gap. Unlike some of the other **wireless** products on the market, Kima is easy to use and works exactly as advertised. Plug the Kima **transmitter** into the back of your PC, then link the Kima **receiver** to a **stereo** or boom box in another room or the backyard. The **transmitter**'s signals can travel as far as several hundred feet, passing **through** walls as easily as open windows. The **receiver** can operate on batteries, letting you move it easily around the house. Tonka products are...

...sisters) can climb aboard their own big rigs in the Dig'n Rigs CD-ROM **Playset**. The set is a bright yellow mini dashboard complete with steering wheel, horn, ignition and...

...Rigs is that it literally snaps onto the keyboard without utilizing a port on the **computer**. After the software installation, every time a lever is pulled or the wheel is turned, the corresponding action appears on screen. Caption: PHOTO: (6 Photos) Clockwise from above: Kima KS110n **wireless transmitter** and **receiver**, "Backyard Baseball 2001," Epson Stylus Photo 2000P printer, Lego Mindstorms Dark Side Developer Kit, Sega Dreamcast, Tonka Dig'n Rigs CD-ROM **Playset** .; PHOTO: (no caption)

19/3,K/4 (Item 2 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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06118225 SUPPLIER NUMBER: 58664517

The Cutting Edge; E-Review / A Weekly Look at a Technology, Product or Service; Remote Tuner for Net Radio Is Good for a Select Few

Dunn, Ashley

Los Angeles Times, p 1

Aug 24, 2000

ISSN: 0458-3035 NEWSPAPER CODE: ANGE
DOCUMENT TYPE: Infographic; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

The Cutting Edge; E-Review / A Weekly Look at a Technology, Product or Service; Remote Tuner for Net Radio Is Good for a Select Few

ABSTRACT: The iM Remote Tuner , which is now only for PC-compatible computers running Windows 98 or 2000, is made up of three basic pieces. There is a transmitter that sits on the computer , a receiver that can be plugged into most types of sound equipment, such as headphones or a stereo receiver , and a remote control that allows you to dial into Internet stations without going to your computer . The transmitter attaches to the computer through a Universal Serial Port, a common connector on modern computers . A second wire connects to the speaker jack on a computer 's sound card, also a standard item these days. A third wire connects to the computer 's speakers so they can also work with the iM Remote Tuner plugged in. One of the nice features of the iM Remote Tuner is that because it broadcasts at the 900 megahertz frequency, its transmission can be picked up by a variety of wireless audio gear, such as wireless speakers and headphones, that use the same frequency.
?

22/3,K/1 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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06930583 SUPPLIER NUMBER: 140013341
Sound Machines MUSIC THE 'KILLER APP' MARRYING HOME PC NETWORK, STEREO
EMLING, SHELLEY
Atlanta Journal - Constitution, p Q.1
Jul 21, 2002
NEWSPAPER CODE: ALJC
DOCUMENT TYPE: Feature; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

ABSTRACT: Photo 1901: The Victrola Photo **Kima** Wireless - A base unit
Photo RCA dog logo Graphic 2002: MP3s and beyond There are...

...cable to standard stereo cables. Current price is \$49.99. >
www.xitel.com WIRELESS CONNECTION **Kima** Wireless A base unit plugs into
your computer's sound card. It can transmit signals...

...of music in the MP3 format, can read and "burn" CDs, acts as an Internet
radio receiver and downloads to portable music players. Current price is
about \$2,000. > www.escentconvergence...
?

8/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

03075988 INSPEC Abstract Number: B88015765

Title: Valved communications receivers

Author(s): Miller, C.E.

Journal: Practical Wireless vol.63, no.12 p.43-6

Publication Date: Dec. 1987 Country of Publication: UK

CODEN: PRWIBD ISSN: 0141-0857

Language: English

Subfile: B

Abstract: Reviews the Super-Pro. The standard model covered 540 kHz to 20 MHz in five bands: 540-1160 kHz; 1160-2500 kHz; 2.5-5...

... was supplemented by a band-spread dial effective on the upper three of the five wavebands . All valves were of the UX series with 6.3 V heaters.
?

26/3,K/2 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
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03045735 JICST ACCESSION NUMBER: 96A0759019 FILE SEGMENT: JICST-E
**Broadcast circumstance in the U.S.A. Recent movement of satellite, cable
and the ground wave.**

KOBAYASHI TOMOYO (1)

(1) Washington/CORE

Denshi(Electronics), 1996, VOL.36,NO.8, PAGE.22-29, TBL.2

JOURNAL NUMBER: S0165AAG ISSN NO: 0417-0318 CODEN: DENSB

UNIVERSAL DECIMAL CLASSIFICATION: 621.397+654.197

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

...ABSTRACT: the greatest hit in DBS (direct broadcasting satellite) at
present. The DBS corresponds to the **digital** satellite broadcasting in
Japan. There are two reasons why the popularity of DBS rises. These...

...in mountain villages where CATV does not advance and the large number of
channels and **programs** being aired. As a demerit of DBS, the price of
equipment is higher than a terrestrial system CATV. This paper describes
the trends of recent CATV, quality improvement of cable **program** ,
cable **Internet** (modem), recent movement and problems of ATV (advanced
television)/HDTV. The broadcast media in U.S.A. is under going great
transformation , and a wave of digitization has also surged toward the
broadcast industry which has been talked as the last fort of the
analog .

...DESCRIPTORS: **digital** communication...

...broadcast **program** ; ...

... **computer** network...

... **internet** ;

...BROADER DESCRIPTORS: **radio** wave propagation...

...propagation(**transmission**);

?

File 344:Chinese Patents Abs Aug 1985-2003/Jan
(c) 2003 European Patent Office
File 347:JAPIO Oct 1976-2002/Oct(Updated 030204)
(c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200315
(c) 2003 Thomson Derwent

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Set	Items	Description
S1	86041	LOCAL()AREA OR LAN OR INTERNET
S2	23288	S1 AND (TRANSMITTER? OR TRANSMIS? OR SEND????? OR STREAM?)
S3	4478	S2 AND (MUSIC OR SOUND? OR AUDIO OR PROGRAM??)
S4	49171	(RADIO OR STEREO) AND (TUNER OR RECEIVER?)
S5	10694	AM()FM OR (AMPLITUDE OR FREQUENCY)()MODULATION
S6	23	(88 OR EIGHT()EIGHT)()(MEGAHERTZ OR MHZ) OR 88MHZ
S7	0	(540 OR FIVE()HUNDRED()FORTY)()(KHZ OR KILOHERTZ)
S8	0	(S6 OR S7) AND (WAVEBAND?? OR WAVE()BAND?)
S9	75235	DIAL OR CHANNEL(3N)(STATION OR SELECTION OR DESIGNATION) OR RADIO()FREQUENC?
S10	8905	S9 AND (USER OR INDIVIDUAL?? OR PERSONS OR SUBSCRIBERS OR - CUSTOMERS OR USERS OR BUYERS)
S11	1623	S10 AND (SPECIFIED OR SELECTED OR CHOOS? OR CHOICE?)
S12	53155	(CONVERT? OR CONVERS? OR CHANG? OR TRANSFORM?) AND DIGITAL AND ANALOG
S13	165657	WIRELESS OR IR OR INFRARED
S14	1902	S3 AND COMPUTER?
S15	82569	(PLAY? OR BROADCAST?) AND (OVER OR THROUGH OR USING OR VIA)
S16	8	S14 AND S15 AND (S4 OR S5 OR S6)
S17	0	S16 AND S11
S18	0	S16 AND S12
S19	3	S3 AND S4 AND S12

16/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015031019 **Image available**
WPI Acc No: 2003-091536/200308
XRPX Acc No: N03-072471

Web tuner for multimedia applications, selects specific media type for providing media output, based on user input for specific media stream to be played

Patent Assignee: TAGUCHI Y (TAGU-I); TAKEDA K (TAKE-I)

Inventor: TAGUCHI Y; TAKEDA K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020144281	A1	20021003	US 2001823371	A	20010330	200308 B

Priority Applications (No Type Date): US 2001823371 A 20010330

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020144281	A1		33 H04N-007/173	

Web tuner for multimedia applications, selects specific media type for providing media output, based on user input for specific media stream to be played

Abstract (Basic):

... The web **tuner** (10) receives and stores relationship between user definable identifiers and a source of a media **stream** . The web **tuner** displays information about media sources, and selects specific media type for providing a media output, based on user input for specific media **stream** to be **played** .

... 2) Web **tuner** system; and...

...3) **Computer** readable storage medium storing multimedia information access **program** .

...For accessing multimedia information including media sources such as cable television **broadcast** , television **broadcast** , **radio broadcast** , etc., through **Internet** .

...The user access media having desired and related content more easily through a single interface provided by the web **tuner** .

...The figure shows an **over** view of the web station...

...Web **tuner** (10

...Title Terms: **STREAM** ;

16/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014941380 **Image available**
WPI Acc No: 2003-001893/200301
XRPX Acc No: N03-001370

Internet based content information providing system for portable

terminal uses identifies content based on token received from user
terminal and sends items corresponding to content to user terminals

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE); AKUTSU A
(AKUT-I); DOI S (DOIS-I); MIYAOKU K (MIYA-I); SHIGEYOSHI H (SHIG-I);
SHIOHARA H (SHIO-I); TANAKA K (TANA-I); TAURA T (TAUR-I); TONOMURA Y
(TONO-I)

Inventor: AKUTSU A; DOI S; MIYAOKU K; SHIGEYOSHI H; SHIOHARA H; TANAKA K;
TAURA T; TONOMURA Y

Number of Countries: 027 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1251440	A2	20021023	EP 2002252779	A	20020419	200301 B
US 20020169892	A1	20021114	US 2002124871	A	20020418	200301

Priority Applications (No Type Date): JP 2001342471 A 20011107; JP
2001122803 A 20010420; JP 2001298438 A 20010927

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 1251440	A2	E	75 G06F-017/30	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR				
US 20020169892	A1		G06F-015/16	

Internet based content information providing system for portable
terminal uses identifies content based on token received from user
terminal and sends items corresponding to content to user terminals

Abstract (Basic):

... A user terminal (8) sends a token received from a mass medium
to a link up server (6). The server...

...respective databases (4,5). The server selects items based on attribute
information of content for sending to the user terminal.

... 3) Computer program for causing portable user terminal to
obtain content information; and...

...4) Computer readable medium storing computer program .

...
...For providing content information related to television/ radio
broadcast , bulletin boards, street or strap, advertisement, magazine,
show window, electric sign board, hand bill, push...

...used in train, to users of portable terminals such as portable PC,
wearable PC, PDA, Internet appliance, high performance telephone,
mobile telephone, set-top box, audio visual apparatus, radio
receiver , digital still camera through Internet .

...

...By using the token content information, user's interest can be easily
selected and accessed

...Title Terms: SEND ;

16/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014835200 **Image available**
WPI Acc No: 2002-655906/200270
XRPX Acc No: N02-518376

Media distribution method involves assembling program using set of tags associated with primary media stream and template which guides program assembly

Patent Assignee: MARCUS D (MARC-I)

Inventor: MARCUS D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020092019	A1	20020711	US 2000231259	A	20000908	200270 B
			US 2001953086	A	20010911	

Priority Applications (No Type Date): US 2000231259 P 20000908; US 2001953086 A 20010911

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020092019	A1		45	G06F-003/00	Provisional application US 2000231259

Media distribution method involves assembling program using set of tags associated with primary media stream and template which guides program assembly

Abstract (Basic):

... The primary and secondary media **streams** are obtained from respective media source. The primary media **stream** is tagged with a set of tags and a template which guides a **program** assembly is obtained, **using** which a **program** is assembled.

... 2) a **computer program** product for media distribution...

...For distribution of media **through** **AM / FM** radio, **TV broadcast**, cable TV, video-on-demand techniques, **Internet**, satellite, cellular telephone, wireless **transmission**, etc. Can be used to display target advertisements to car passengers...

...The figure shows the flowchart explaining the media **program** assembling method...

...Title Terms: **PROGRAM** ;

16/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014748355 **Image available**

WPI Acc No: 2002-569059/200261

XRPX Acc No: N02-450546

Television broadcast video-recording reservation system using Internet, records video data as image data file for transmission as packets to user, based on user's request reception

Patent Assignee: SAITO C (SAIT-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002135698	A	20020510	JP 2000325246	A	20001025	200261 B

Priority Applications (No Type Date): JP 2000325246 A 20001025

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002135698	A		10	H04N-005/76	

Television broadcast video-recording reservation system using

Internet , records video data as image data file for transmission as packets to user, based on user's request reception

Abstract (Basic):

... A server (2) reserves a television broadcast program storage request from user terminal (22). A tuner (4) is set to the frequency corresponding to the broadcast program and receives the broadcast program . A processor (5) stores video data as an image data file in a memory (6...

...data file is packed by a mail server (9) and is transmitted to the users through Internet (21).

... 1) Radio broadcast recording reservation system; and...

...For television broadcasting video-recording reservation system using Internet .

...

...As the television broadcast program is stored and transmitted to the user through Internet , a person without a television or video recorder can view the desired television program in the personal computer . The data is sent as image data file packets, hence a clear image without any...

...The figure shows a schematic view of the television broadcasting video-recording reservation system using Internet . (Drawing includes non-English language text...

... Tuner (4...

... Internet (21...

...User computer (22

...Title Terms: BROADCAST ;

16/3,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014564504 **Image available**
WPI Acc No: 2002-385207/200242
XRPX Acc No: N02-301620

Network connection customization method e.g. for wireless and wired network, involves customizing connection with terminal based on subscriber profile which is retrieved in response to received customization request

Patent Assignee: AT & T CORP (AMTT); AMERICAN TELEPHONE & TELEGRAPH CO (AMTT)

Inventor: HOGUTA K J; RUPERT A J; RUSSELL J E; SHERMAN R

Number of Countries: 030 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1185116	A2	20020306	EP 2001305913	A	20010709	200242 B
AU 200155886	A	20020307	AU 200155886	A	20010720	200242
BR 200103578	A	20020507	BR 20013578	A	20010822	200242
CA 2352713	A1	20020228	CA 2352713	A	20010709	200242
JP 2002149530	A	20020524	JP 2001262592	A	20010831	200250

Priority Applications (No Type Date): US 2000651852 A 20000831

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1185116	A2	E	15	H04Q-003/00	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
AU 200155886	A			H04L-029/06	
BR 200103578	A			H04Q-011/04	
CA 2352713	A1	E		H04L-029/10	
JP 2002149530	A		15	G06F-013/00	

Abstract (Basic):

... For customizing connection between network such as gigabit ethernet, DSL, cable modem, digital cable modulation, **radio**, lower-the-air optical links, direct **broadcast** satellite **transmission** and digital terrestrial **broadcast** TV, and subscriber terminal such as web TV, set-top boxes, digital set-top **audio** /video decoders, hard disk-based personal digital video recorder, screen equipped web phone, voice and video telephone set, **streaming audio** and video media **player**, integrated intelligent digital television **receiver**, thin-client network **computer**, PCS wireless **Internet** phone, mobile satellite **receiver** and GPS navigator terminal **through** network access link such as wired network e.g. multiple twisted pair cable, coaxial cable, optical fiber cable and wireless network e.g. **radio** frequency, optical wavelength...

16/3,K/6 (Item 6 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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014481804 **Image available**
WPI Acc No: 2002-302507/200234
XRPX Acc No: N02-236550

Programming and control system for electronic apparatus, e.g. video recorder, uses remote control device in wireless communication with a network and the apparatus

Patent Assignee: TELEFONAKTIEBOLAGET ERICSSON L M (TELF)

Inventor: JONASSON A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SE 200001136	A	20011001	SE 20001136	A	20000330	200234 B

Priority Applications (No Type Date): SE 20001136 A 20000330

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
SE 200001136	A		30	G08C-023/04	

Abstract (Basic):

... control unit (16) with a display (22) for the user-specific information, a low frequency **radio transmission** device (18) for wireless communication (A) with the nearby apparatus (12), and a device (20...

...with the network from a distance. Selecting a specific part of the user-specific information **via** the remote control unit will retrieve a specific part of the apparatus-specific information linked to the user-specific information and **send** this to the apparatus in order to **program** and control it.

... control units for these two systems, (c) programming and control methods for an electronic apparatus **using** these systems, and (d)

software products directly downloadable into the internal memory of at least one digital **computer** , including **program** code parts for carrying out either of these methods when the product is installed on the **computer** .

...

...To **program** a recorder, especially a VCR, **using** programming codes provided with listings or **program** guide information

Technology Focus:

... The network is the **internet** , a data network, a global network (WAN) or a telephone network, including a mobile network. The electronic apparatus is a television **receiver** and the user-specific information is in the form of television **program** listings whilst the apparatus-specific information is in the form of television channel information, or...

...is a video recorder and the user-specific information is in the form of television **program** listings and the apparatus-specific information is in the form of show-view codes, or the apparatus is a **radio receiver** and the user-specific information is in the form of **radio program** listings and the apparatus-specific information is in the form of **radio program** frequencies, or the apparatus is a **sound playback device** and the user-specific information is in the form of **radio program** listings and the apparatus-specific information is in the form of **radio program** codes. User-specific information is displayed in menu form, preferably with the aid of WAP...

...unit is in the form of a mobile communication device, mobile phone or portable (laptop) **computer** .

Title Terms: **PROGRAM** ;

16/3,K/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014447195 **Image available**

WPI Acc No: 2002-267898/200231

XRFX Acc No: N02-208365

Detection of commercials in a TV program by comparing signals received from multiple regions to detect signals differing by a set amount, indicating a commercial

Patent Assignee: RIGHT HEMISPHERE PTY LTD (RIGH-N)

Inventor: VOGEL P

Number of Countries: 095 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200167755	A1	20010913	WO 2001AU244	A	20010307	200231 B
AU 200140327	A	20010917	AU 200140327	A	20010307	200231

Priority Applications (No Type Date): AU 20006090 A 20000308

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200167755 A1 E 22 H04N-005/775

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

Detection of commercials in a TV program by comparing signals received from multiple regions to detect signals differing by a set amount...

Abstract (Basic):

... A **receiver** (2) receives local **broadcasts** via an antenna (1), the signals are compressed by a compressor (3) to reduce the picture and **sound** bandwidth to allow **transmission** by telephone or the **Internet** and the compressed signal is transmitted by a modem (4) via a network (18) to a modem (5), forwarding demodulated data to a **computer** (16).

... The **computer** also receives compressed signals from other regions via modems (10,15) and detects presence of a commercial based on comparison of the signals...

...Detecting TV or **radio** commercials...

... **Receiver** (2...

... **Computer** (16

...Title Terms: **PROGRAM** ;

16/3,K/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013941174 **Image available**
WPI Acc No: 2001-425388/200145
XRPX Acc No: N01-315614

Interactive system for broadcast media, has interactive radio mobile units mounted within vehicles with each mobile unit having receiver for receiving radio broadcasts
Patent Assignee: ECARMERCE INC (ECAR-N); CROSBY S P (CROS-I); KUKKONEN C A (KUKK-I); KUKKONEN D C (KUKK-I); NOREEN G K (NORE-I)
Inventor: CROSBY S P; KUKKONEN C A; KUKKONEN D C; NOREEN G K
Number of Countries: 095 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200143364	A1	20010614	WO 2000US33447	A	20001207	200145 B
AU 200120804	A	20010618	AU 200120804	A	20001207	200161
EP 1236309	A1	20020904	EP 2000984131	A	20001207	200266
			WO 2000US33447	A	20001207	
US 20020183059	A1	20021205	WO 2000US33447	A	20001207	200301
			US 2002149341	A	20020608	

Priority Applications (No Type Date): US 99459025 A 19991210; US 2002149341 A 20020608

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200143364	A1	E	60	H04L-012/28	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200120804	A			H04L-012/28	Based on patent WO 200143364
EP 1236309	A1	E		H04L-012/28	Based on patent WO 200143364

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR
US 20020183059 A1 H04L-012/28

Interactive system for broadcast media, has interactive radio mobile units mounted within vehicles with each mobile unit having receiver for receiving radio broadcasts

Abstract (Basic):

... The system has interactive **radio** mobile units mounted within vehicles (104) or at other locations. Each mobile unit has a **receiver** (116) for receiving **radio broadcasts**, a GPS system (118) for determining the location of the vehicle, and a wireless **transmitter** (120) for transmitting interactive **radio** control signals to a network operation center (110).

... While listening or viewing a media **broadcast**, the subscriber selects **program** segments of interest by pressing an interactive **radio** control button on the mobile unit. The **program** segments are, for example, individual musical selections, advertisements or the like. In response, the mobile unit transmits the carrier frequency of the **radio broadcast**, the date and time, the geographical location of the vehicle, and a subscriber identification signal to the network operation center **using** the wireless **transmitter**. The network operations center determines the identity of the selected **program** segment based upon the information transmitted from the mobile unit. The operation center accesses databases (202) providing information pertaining to the selected **program** segment...

...An INDEPENDENT CLAIM is included for method, an interactive **radio** mobile unit, a mobile unit, and a method for tracking the usage of a **broadcast** system...

...For interactive system for use with **broadcast** media...

...Provides information to subscriber **via Internet**, so that information can later be retrieved by subscriber **using** home or office **computer**.

...The figure shows an interactive **radio** system employing land based **broadcast radio** station, a satellite wireless communications system, and the Global Positioning System and providing interactive feedback to the subscribers **via the Internet**.

... **Receiver** (116...

...Wireless **transmitter** (120

...Title Terms: **BROADCAST** ;

?

19/3,K/1 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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07451693 **Image available**
IMAGE-TRANSMITTING SYSTEM

PUB. NO.: 2002-320208 [JP 2002320208 A]
PUBLISHED: October 31, 2002 (20021031)
INVENTOR(s): SUZUKI NOBUYUKI
APPLICANT(s): SUZUKI NOBUYUKI
APPL. NO.: 2001-122386 [JP 20011122386]
FILED: April 20, 2001 (20010420)

ABSTRACT

... processing of the image data, whose number of pixels sharply fluctuates by making an image **transmitter** and an image **receiver** compact.

SOLUTION: A decoder 5g for decoding image data inputted from a video reproducer 2 into **digital** signals, a DSP 5i for compressing the image data, and a PC card 5k for a **radio LAN** for transmitting the image data are integrated into an image **transmitter** 5. Also, a PC card 6k for a wireless **LAN** for receiving the picture data transmitted from the PC card 5k for the **radio LAN**, a DSP 6i for expanding the image data, and an encoder 6g for encoding the image data into **analog** signals, and for outputting the **analog** signals to an image display device 3 are integrated into an image **receiver** 6. Thus, the compression and expansion of the image data can be executed by the...

... countermeasures for the fluctuations in the number of pixels of the image data, due to **program change** by using the DSP 5i and 6i.

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19/3,K/2 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014374665 **Image available**
WPI Acc No: 2002-195368/200225
XRPX Acc No: N02-148447

Internet radio receiver having the appearance of a conventional radio **set**, includes a device for connecting the radio to an Internet **Service Provider**, and a tuner for selecting the Internet address of a radio **station**

Patent Assignee: EMERSON H E (EMER-I); GEODE ELECTRONICS LLC (GEOD-N);
GRYWALSKI W A (GRYW-I)

Inventor: EMERSON H E; GRYWALSKI W A

Number of Countries: 087 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200150652	A1	20010712	WO 2000US16417	A	20000614	200225 B
AU 200058744	A	20010716	AU 200058744	A	20000614	200225
EP 1247364	A1	20021009	EP 2000944683	A	20000614	200267
			WO 2000US16417	A	20000614	

Priority Applications (No Type Date): US 2000477935 A 20000105

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200150652 A1 E 22 H04H-001/02
 Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
 CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
 LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
 TJ TM TR TT UA UG US UZ VN YU ZW
 Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
 IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW
 AU 200058744 A H04H-001/02 Based on patent WO 200150652
 EP 1247364 A1 E H04H-001/02 Based on patent WO 200150652
 Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
 LI LT LU LV MC MK NL PT RO SE SI

Internet radio receiver having the appearance of a conventional radio set, includes a device for connecting the radio to an Internet Service Provider, and a tuner for selecting the Internet address of a radio station

Abstract (Basic):

... Radio program comprising laudio and accompanying formatted text, graphics, and video is received by a non-PC Internet radio system having neither mouse nor keyboard. The system comprises connecting device for connecting the radio to an Internet Service Provider; microprocessor; memory; amplifier; digital signal processor for processing audio signals of the radio program; digital-to-analog convertor for converting the processed audio signals for input to the amplifier; audio speakers; tuner for selecting an Internet address of the radio program; controller for causing the microprocessor to set audio preferences, such as volume and balance, of the amplifier; and display device for displaying the formatted text, graphics, and video. Radio stations provide their content via the Internet reaching large geographical regions.

... a) method of receiving and playing audio from the Internet ;
 (...)

...b) method for automatically providing an Internet radio station...

...For Internet radio receiver .

...Provides a radio communication system for transmitting the content of radio stations over large geographical regions without the limitations imposed by radio frequencies as the delivery medium Foreign station broadcasts are readily received in countries on different...

...The diagram shows Internet radio system where the radio is equipped with an FM radio tuner for receiving conventional FM radio transmissions over the airways

Title Terms: RADIO ;

19/3,K/3 (Item 2 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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008433465 **Image available**
 WPI Acc No: 1990-320465/199042
 Related WPI Acc No: 1989-150877
 XRPX Acc No: N90-245588

Dynamically programmable battery-powered paging receiver - uses tunable antenna and amplifier to achieve maximum gain on received channels with increased reception range

Patent Assignee: TELEFIND CORP (TELE-N)
Inventor: ANDROS A A; CAMPANA T J
Number of Countries: 021 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9011653	A	19901004				199042 B
AU 9054062	A	19901022				199104
US 5012235	A	19910430	US 89329543	A	19890328	199119
US 5052049	A	19910924	US 89381527	A	19890718	199141
US 5077834	A	19911231	US 89381483	A	19890718	199204
EP 469001	A	19920205	EP 90906025	A	19900326	199206
JP 4505237	W	19920910	JP 90505709	A	19900326	199243
			WO 90US1594	A	19900326	
EP 469001	A4	19921202	EP 90906025	A	19900000	199524

Priority Applications (No Type Date): US 89381527 A 19890718; US 89329543 A 19890328; US 89381483 A 19890718; US 87110514 A 19871020

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9011653	A			
				Designated States (National): AU BR CA FI JP KR NL NO
				Designated States (Regional): AT BE CH DE DK ES FR GB IT LU NL SE
EP 469001	A			
				Designated States (Regional): AT BE CH DE ES FR GB IT LI LU NL SE
JP 4505237	W	3	H04B-001/18	Based on patent WO 9011653

Dynamically programmable battery-powered paging receiver -

...Abstract (Basic): indicator (RSSI) signal. A controller circuit is coupled to this signal. The controller receives a **receiver** tuning signal which is generated by the main central processor unit. Depending on the RSSI and the **receiver** tuning signals, the controller produces an antenna tuning signal and a RF amplifier tuning signal...

...Abstract (Equivalent): The RF paging **receiver** includes a RF **tuner** , for receiving the specified channel in response to a channel tuning signal specifying reception of...

...An intermediate frequency circuit is coupled to the RF **tuner** for producing an intermediate frequency signal and a received signal strength indicator which is proportional...

...the intermediate frequency signal, controls generation of the channel tuning signal to cause the RF **tuner** to be turned to receive the specified channel and controls generation of an amplifier tuning...

...The RF **tuner** comprises a tunable RF amplifier, responsive to the received signal strength indicator and a stored...

...A paging **receiver** has a command structure which permits it to be dynamically programmable to **change** its functionality including programming of the channel frequencies which the paging **receiver** is to receive. The programmability of the channel frequencies permits the paging **receiver** to be used for making national, regional, remote area, **local area** , and sublocal area pages, and pages to a group in the **local area** and to switch from channel frequencies which are heavily used during peak paging times to lesser used channels. The **receiver** transmits the paging **receiver** identification code digits in an order of increasing significance which significantly lessens power consumption for all paging **receivers** tuned to a particular frequency for determining if a page is to be received which prolongs paging

receiver battery life. The **receiver** displays the place of origin of pages as either being of local origin or from other areas. The **receiver** antenna is continuously tunable to permit compensation for variation in antenna gain caused by environmental factors which can seriously degrade signal strength. ADVANTAGE - Paging **receiver** is compatible with **transmissions** from **analog** or **digital** paging **transmitters** .

(...

...The paging **receiver** has a tunable antenna and a tuned RF amplifier to achieve maximum gain on channels being received from licensed **radio** frequency bands...

...The paging **receiver** pref. is tunable by a channel programming command to **program** reception of different channel which may be chosen from different bands which are used for paging **receivers** .

...Title Terms: **PROGRAM** ;

?